

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: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-AMB-U-MR-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4B-AMB-U-MR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

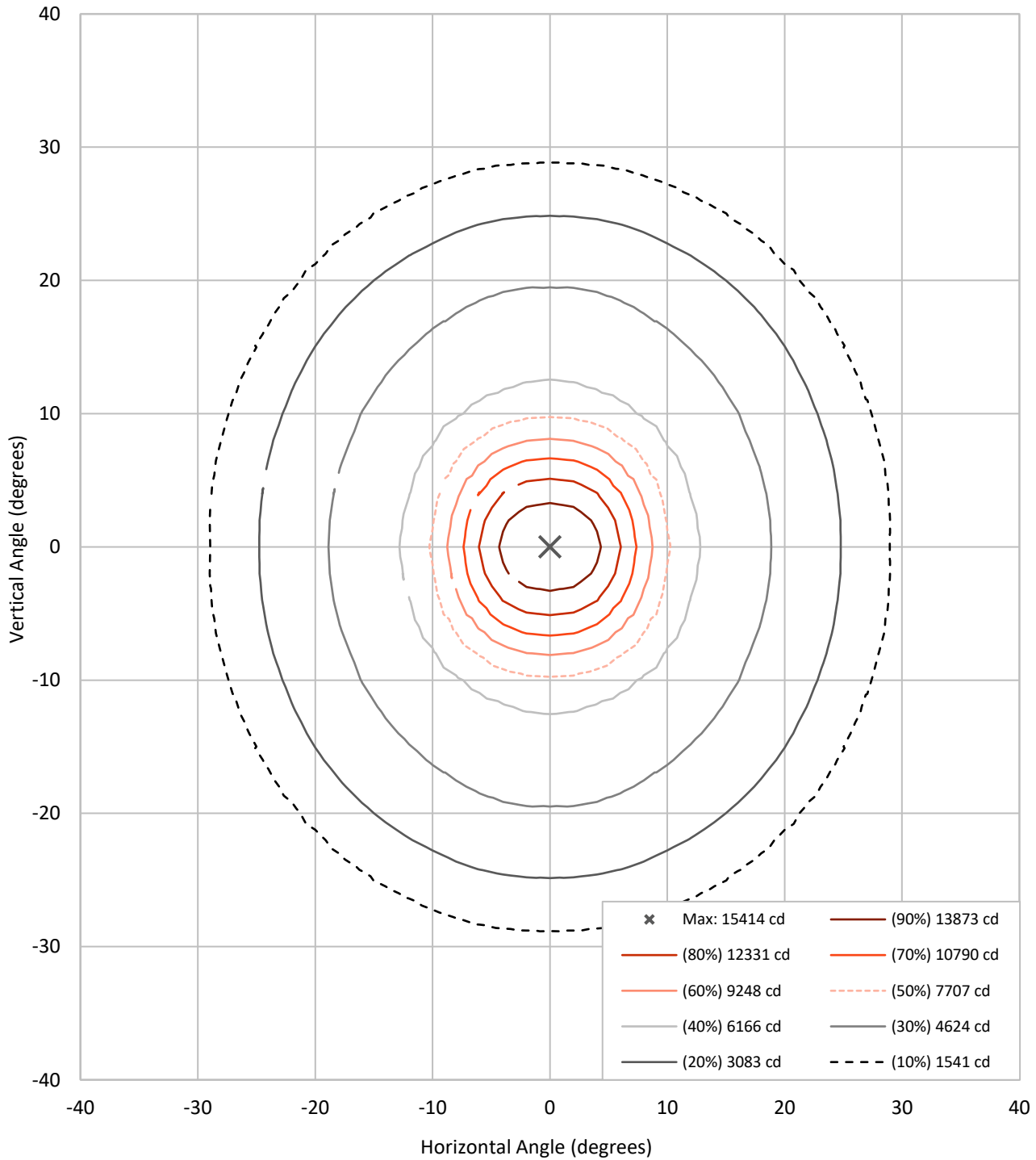
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4492.7 lumens	Max Intensity:	15414 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	20.5°H x 19.5°V	Field Angle (10%):	57.9°H x 57.7°V
Beam Lumens:	1079.8 lumens	Field Lumens:	3836.4 lumens
Beam Efficiency:	24.0%	Field Efficiency:	85.4%

Input Watts (W): 80.5
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: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-BK

Iso-Candela Plot





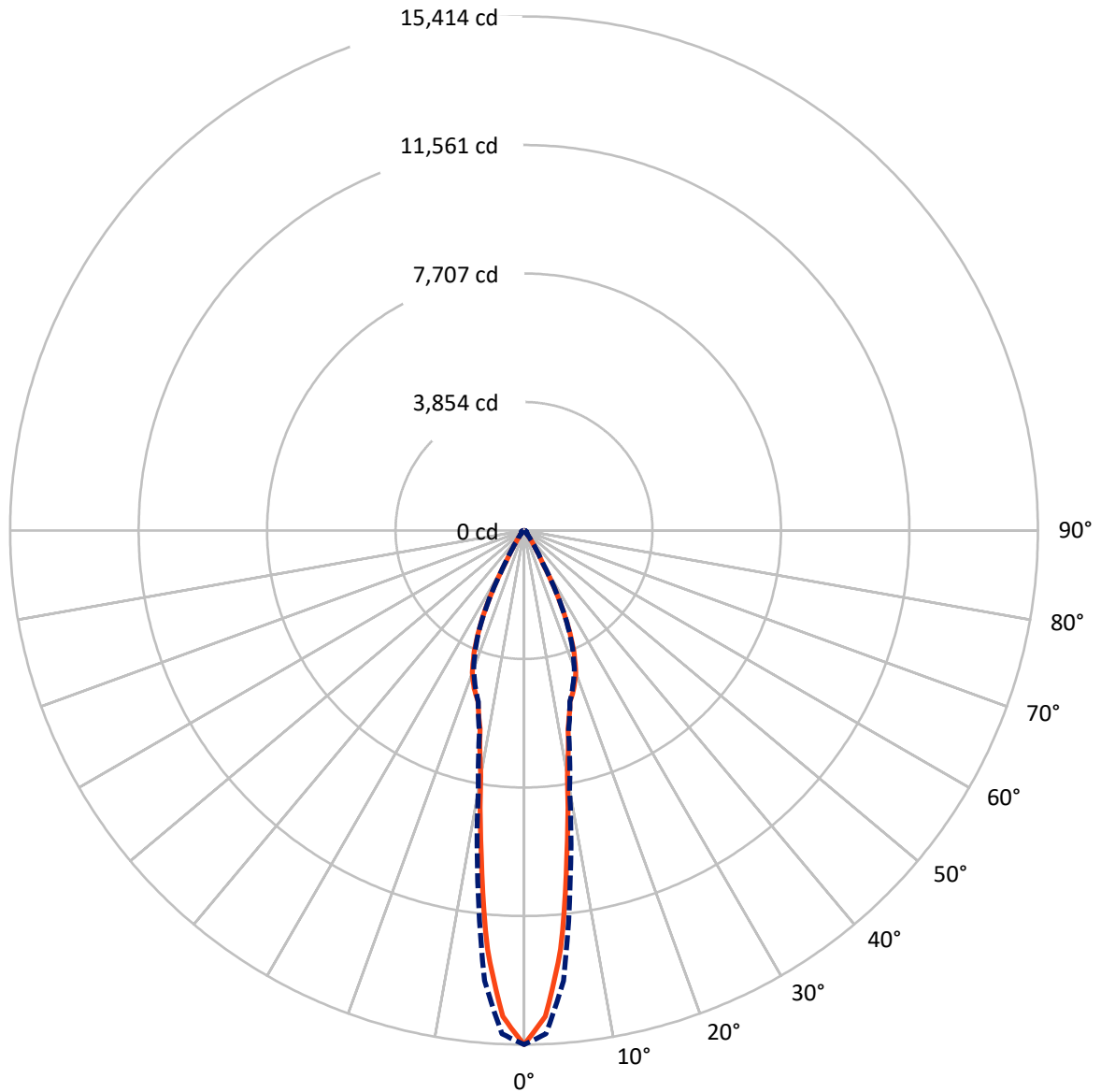
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Lumen Table

90																
80	0.1	0.5		1.3		2.1		2.4		2.1		1.3		0.5		0.1
70																
60	0.2	0.2	0.5	0.9	1.4	1.8	2.0	2.2	2.2	2.0	1.8	1.4	0.9	0.5	0.2	0.2
50		0.4	0.9	1.5	2.0	2.2	2.3	2.3	2.3	2.3	2.2	2.0	1.5	0.9	0.4	
40	0.4	0.6	1.2	1.8	2.0	2.3	2.9	3.4	3.4	2.9	2.3	2.0	1.8	1.2	0.6	0.4
30		0.7	1.4	1.7	2.4	4.4	8.8	13.7	13.7	8.8	4.4	2.4	1.7	1.4	0.7	
20	0.6	0.8	1.4	1.8	4.0	14.1	47.9	83.7	83.7	47.9	14.1	4.0	1.8	1.4	0.8	0.6
10		0.9	1.4	2.2	7.6	45.9	118.9	160.4	160.4	118.9	45.9	7.6	2.2	1.4	0.9	
0	0.6	1.0	1.4	2.5	11.9	76.4	155.1	309.3	309.3	155.1	76.4	11.9	2.5	1.4	1.0	0.6
-10		1.0	1.4	2.5	11.9	76.4	155.1	309.3	309.3	155.1	76.4	11.9	2.5	1.4	1.0	
-20	0.6	0.9	1.4	2.2	7.6	45.9	118.9	160.4	160.4	118.9	45.9	7.6	2.2	1.4	0.9	0.6
-30		0.8	1.4	1.8	4.0	14.1	47.9	83.7	83.7	47.9	14.1	4.0	1.8	1.4	0.8	
-40	0.4	0.7	1.4	1.7	2.4	4.4	8.8	13.7	13.7	8.8	4.4	2.4	1.7	1.4	0.7	0.4
-50		0.6	1.2	1.8	2.0	2.3	2.9	3.4	3.4	2.9	2.3	2.0	1.8	1.2	0.6	
-60	0.2	0.4	0.9	1.5	2.0	2.2	2.3	2.3	2.3	2.3	2.2	2.0	1.5	0.9	0.4	0.2
-70		0.2	0.5	0.9	1.4	1.8	2.0	2.2	2.2	2.0	1.8	1.4	0.9	0.5	0.2	
-80																
-90	0.1	0.5		1.3		2.1		2.4		2.1		1.3		0.5		0.1

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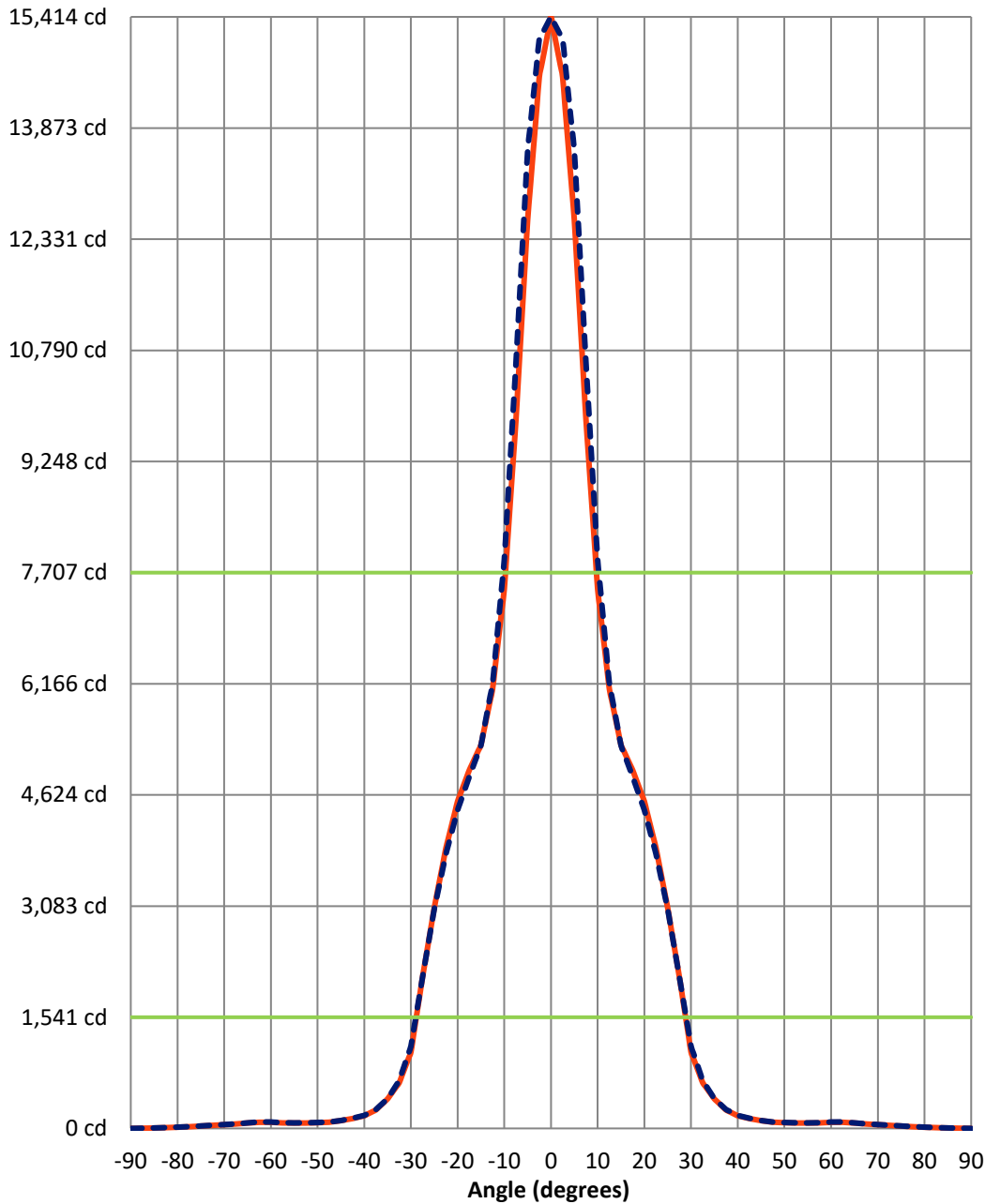
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 20.5°
V Angle: 19.5°
Lumens: 1079.8
Efficiency: 24.0%

Field:
H Angle: 57.9°
V Angle: 57.7°
Lumens: 3836.4
Efficiency: 85.4%

Spill:
Lumens: 656.3
Efficiency: 14.6%

— 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	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.3	3.8
80°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.5	4.2	4.8	5.5
77.5°	0.0	0.6	1.2	1.7	2.3	3.0	3.9	4.7	5.6	6.4	7.2
75°	0.0	0.7	1.4	2.1	2.8	3.9	4.9	5.9	6.9	7.9	8.9
72.5°	0.0	0.8	1.6	2.4	3.5	4.7	5.9	7.1	8.3	9.4	10.6
70°	0.0	0.9	1.8	2.8	4.2	5.6	6.9	8.3	9.6	11.0	13.1
67.5°	0.0	1.0	2.1	3.3	4.8	6.4	7.9	9.4	11.0	13.4	15.9
65°	0.0	1.1	2.3	3.8	5.5	7.2	8.9	10.6	13.1	15.9	18.6
62.5°	0.0	1.2	2.5	4.3	6.1	8.0	9.9	12.2	15.3	18.3	21.2
60°	0.0	1.3	2.7	4.7	6.8	8.8	10.8	14.1	17.4	20.6	23.8
57.5°	0.0	1.5	3.0	5.2	7.4	9.6	12.3	15.9	19.4	22.9	27.0
55°	0.0	1.5	3.3	5.6	8.0	10.3	13.8	17.6	21.4	25.3	30.5
52.5°	0.0	1.6	3.6	6.1	8.6	11.1	15.2	19.3	23.3	28.3	33.8
50°	0.0	1.7	3.9	6.5	9.1	12.3	16.6	20.9	25.4	31.3	37.1
47.5°	0.0	1.8	4.1	6.9	9.6	13.4	18.0	22.5	27.9	34.1	40.3
45°	0.0	1.9	4.4	7.3	10.2	14.5	19.3	24.0	30.3	36.9	43.4
42.5°	0.0	2.0	4.6	7.7	10.7	15.5	20.5	25.7	32.5	39.5	46.3
40°	0.0	2.1	4.9	8.0	11.3	16.5	21.7	27.6	34.7	42.1	49.1
37.5°	0.0	2.1	5.1	8.3	12.1	17.5	22.8	29.3	36.8	44.5	51.7
35°	0.0	2.2	5.3	8.7	12.8	18.4	23.9	30.9	38.9	46.7	54.4
32.5°	0.0	2.3	5.5	9.0	13.4	19.2	25.0	32.4	40.8	48.9	57.1
30°	0.0	2.3	5.7	9.2	14.1	20.0	26.2	33.8	42.7	50.8	59.6
27.5°	0.0	2.4	5.9	9.5	14.7	20.7	27.2	35.2	44.4	52.7	61.8
25°	0.0	2.4	6.0	9.7	15.2	21.4	28.2	36.6	45.9	54.5	63.9
22.5°	0.0	2.5	6.2	10.0	15.7	22.0	29.0	37.9	47.3	56.2	65.9
20°	0.0	2.5	6.3	10.2	16.1	22.5	29.8	39.1	48.5	57.6	67.7
17.5°	0.0	2.6	6.4	10.3	16.5	23.0	30.6	40.1	49.6	58.9	69.4
15°	0.0	2.6	6.5	10.5	16.9	23.4	31.3	41.1	50.6	59.9	70.8
12.5°	0.0	2.6	6.6	10.6	17.1	23.8	32.0	42.0	51.4	60.8	72.1
10°	0.0	2.7	6.7	10.7	17.4	24.1	32.6	42.7	52.1	61.5	73.3
7.5°	0.0	2.7	6.7	10.8	17.6	24.3	33.2	43.2	52.6	62.1	74.5
5°	0.0	2.7	6.8	10.9	17.7	24.5	33.6	43.5	53.0	62.6	75.4
2.5°	0.0	2.7	6.8	10.9	17.8	24.6	34.0	43.7	53.2	62.8	76.1
0°	0.0	2.7	6.8	10.9	17.8	24.6	34.0	43.7	53.2	62.8	76.1
-2.5°	0.0	2.7	6.8	10.9	17.8	24.6	34.0	43.7	53.2	62.8	76.1
-5°	0.0	2.7	6.8	10.9	17.7	24.5	33.6	43.5	53.0	62.6	75.4
-7.5°	0.0	2.7	6.7	10.8	17.6	24.3	33.2	43.2	52.6	62.1	74.5
-10°	0.0	2.7	6.7	10.7	17.4	24.1	32.6	42.7	52.1	61.5	73.3
-12.5°	0.0	2.6	6.6	10.6	17.1	23.8	32.0	42.0	51.4	60.8	72.1
-15°	0.0	2.6	6.5	10.5	16.9	23.4	31.3	41.1	50.6	59.9	70.8
-17.5°	0.0	2.6	6.4	10.3	16.5	23.0	30.6	40.1	49.6	58.9	69.4
-20°	0.0	2.5	6.3	10.2	16.1	22.5	29.8	39.1	48.5	57.6	67.7



REPORT NUMBER: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.5	6.2	10.0	15.7	22.0	29.0	37.9	47.3	56.2	65.9
-25°	0.0	2.4	6.0	9.7	15.2	21.4	28.2	36.6	45.9	54.5	63.9
-27.5°	0.0	2.4	5.9	9.5	14.7	20.7	27.2	35.2	44.4	52.7	61.8
-30°	0.0	2.3	5.7	9.2	14.1	20.0	26.2	33.8	42.7	50.8	59.6
-32.5°	0.0	2.3	5.5	9.0	13.4	19.2	25.0	32.4	40.8	48.9	57.1
-35°	0.0	2.2	5.3	8.7	12.8	18.4	23.9	30.9	38.9	46.7	54.4
-37.5°	0.0	2.1	5.1	8.3	12.1	17.5	22.8	29.3	36.8	44.5	51.7
-40°	0.0	2.1	4.9	8.0	11.3	16.5	21.7	27.6	34.7	42.1	49.1
-42.5°	0.0	2.0	4.6	7.7	10.7	15.5	20.5	25.7	32.5	39.5	46.3
-45°	0.0	1.9	4.4	7.3	10.2	14.5	19.3	24.0	30.3	36.9	43.4
-47.5°	0.0	1.8	4.1	6.9	9.6	13.4	18.0	22.5	27.9	34.1	40.3
-50°	0.0	1.7	3.9	6.5	9.1	12.3	16.6	20.9	25.4	31.3	37.1
-52.5°	0.0	1.6	3.6	6.1	8.6	11.1	15.2	19.3	23.3	28.3	33.8
-55°	0.0	1.5	3.3	5.6	8.0	10.3	13.8	17.6	21.4	25.3	30.5
-57.5°	0.0	1.5	3.0	5.2	7.4	9.6	12.3	15.9	19.4	22.9	27.0
-60°	0.0	1.3	2.7	4.7	6.8	8.8	10.8	14.1	17.4	20.6	23.8
-62.5°	0.0	1.2	2.5	4.3	6.1	8.0	9.9	12.2	15.3	18.3	21.2
-65°	0.0	1.1	2.3	3.8	5.5	7.2	8.9	10.6	13.1	15.9	18.6
-67.5°	0.0	1.0	2.1	3.3	4.8	6.4	7.9	9.4	11.0	13.4	15.9
-70°	0.0	0.9	1.8	2.8	4.2	5.6	6.9	8.3	9.6	11.0	13.1
-72.5°	0.0	0.8	1.6	2.4	3.5	4.7	5.9	7.1	8.3	9.4	10.6
-75°	0.0	0.7	1.4	2.1	2.8	3.9	4.9	5.9	6.9	7.9	8.9
-77.5°	0.0	0.6	1.2	1.7	2.3	3.0	3.9	4.7	5.6	6.4	7.2
-80°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.5	4.2	4.8	5.5
-82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.3	3.8
-85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	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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 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-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°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1
85°	2.5	2.7	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1
82.5°	4.3	4.7	5.2	5.6	6.1	6.5	6.9	7.3	7.7	8.2	8.7
80°	6.1	6.8	7.4	8.0	8.6	9.1	9.6	10.2	10.9	11.9	12.9
77.5°	8.0	8.8	9.6	10.3	11.1	12.3	13.4	14.5	15.6	16.7	17.5
75°	9.9	10.8	12.3	13.8	15.2	16.6	18.0	19.3	20.6	22.0	23.5
72.5°	12.2	14.1	15.9	17.6	19.6	21.3	22.9	24.2	25.9	28.1	30.0
70°	15.3	17.4	19.6	22.0	24.3	26.2	28.3	30.4	32.7	34.9	37.1
67.5°	18.3	20.8	23.4	26.3	29.2	31.6	34.1	36.9	39.5	42.1	44.5
65°	21.2	24.1	27.5	30.9	33.9	37.1	40.3	43.4	46.3	49.3	52.3
62.5°	24.1	28.1	31.9	35.6	39.3	42.9	46.4	49.7	52.9	56.6	60.1
60°	27.9	32.2	36.4	40.6	44.6	48.5	52.3	56.4	60.5	64.4	68.1
57.5°	31.8	36.4	41.0	45.5	49.8	54.2	59.0	63.5	67.9	72.2	76.2
55°	35.6	40.6	45.5	50.3	55.2	60.4	65.6	70.5	75.3	79.9	84.5
52.5°	39.3	44.6	49.8	55.1	60.6	66.4	72.1	77.6	82.9	86.4	86.3
50°	42.9	48.5	54.1	59.9	66.0	72.3	78.8	84.9	86.9	86.5	84.4
47.5°	46.4	52.3	58.2	64.5	71.4	78.3	85.6	87.3	87.0	83.5	79.7
45°	49.7	56.1	62.3	69.4	76.6	84.2	87.1	87.5	83.3	79.5	77.0
42.5°	52.9	59.9	66.8	74.0	81.7	86.3	87.1	83.5	79.8	77.1	76.4
40°	56.3	63.6	71.2	78.6	85.3	86.4	83.7	79.9	77.6	76.9	77.9
37.5°	59.6	67.5	75.4	83.2	85.6	84.6	80.1	77.9	77.0	78.0	79.6
35°	62.9	71.2	79.4	85.4	86.2	81.4	78.3	76.8	77.8	79.5	82.4
32.5°	66.0	74.7	83.2	85.9	83.7	78.9	76.9	77.5	79.0	81.5	87.3
30°	68.9	78.0	85.9	86.1	81.2	77.7	77.0	78.3	80.4	85.8	97.3
27.5°	71.5	81.1	86.1	84.6	79.0	76.4	77.3	79.4	83.5	91.7	109.6
25°	74.0	84.0	86.2	82.6	77.8	76.2	77.8	80.5	87.0	102.6	124.4
22.5°	76.4	86.9	86.6	80.7	76.6	76.4	78.8	83.3	92.9	112.8	139.0
20°	78.7	87.2	85.9	79.1	75.4	76.6	79.8	86.1	101.2	125.1	154.8
17.5°	80.9	87.6	84.7	78.2	75.5	77.1	81.1	88.6	108.4	136.3	170.1
15°	82.9	88.0	83.5	77.4	75.8	78.0	83.0	93.9	116.3	147.2	184.1
12.5°	84.8	88.3	82.3	76.8	76.0	78.8	84.6	98.6	124.1	157.9	207.9
10°	86.4	88.7	81.3	76.2	76.2	79.5	85.7	102.5	130.3	166.4	227.7
7.5°	87.8	88.9	80.5	75.8	76.4	80.0	86.5	105.5	134.9	173.0	243.3
5°	89.0	88.9	79.8	75.8	76.8	80.6	87.1	107.5	138.0	177.8	254.7
2.5°	89.8	88.9	79.4	76.2	77.4	81.4	88.1	108.9	140.2	180.3	261.2
0°	90.3	88.9	79.3	76.6	78.0	82.1	88.9	109.4	140.9	180.5	262.6
-2.5°	89.8	88.9	79.4	76.2	77.4	81.4	88.1	108.9	140.2	180.3	261.2
-5°	89.0	88.9	79.8	75.8	76.8	80.6	87.1	107.5	138.0	177.8	254.7
-7.5°	87.8	88.9	80.5	75.8	76.4	80.0	86.5	105.5	134.9	173.0	243.3
-10°	86.4	88.7	81.3	76.2	76.2	79.5	85.7	102.5	130.3	166.4	227.7
-12.5°	84.8	88.3	82.3	76.8	76.0	78.8	84.6	98.6	124.1	157.9	207.9
-15°	82.9	88.0	83.5	77.4	75.8	78.0	83.0	93.9	116.3	147.2	184.1
-17.5°	80.9	87.6	84.7	78.2	75.5	77.1	81.1	88.6	108.4	136.3	170.1
-20°	78.7	87.2	85.9	79.1	75.4	76.6	79.8	86.1	101.2	125.1	154.8



REPORT NUMBER: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	76.4	86.9	86.6	80.7	76.6	76.4	78.8	83.3	92.9	112.8	139.0
-25°	74.0	84.0	86.2	82.6	77.8	76.2	77.8	80.5	87.0	102.6	124.4
-27.5°	71.5	81.1	86.1	84.6	79.0	76.4	77.3	79.4	83.5	91.7	109.6
-30°	68.9	78.0	85.9	86.1	81.2	77.7	77.0	78.3	80.4	85.8	97.3
-32.5°	66.0	74.7	83.2	85.9	83.7	78.9	76.9	77.5	79.0	81.5	87.3
-35°	62.9	71.2	79.4	85.4	86.2	81.4	78.3	76.8	77.8	79.5	82.4
-37.5°	59.6	67.5	75.4	83.2	85.6	84.6	80.1	77.9	77.0	78.0	79.6
-40°	56.3	63.6	71.2	78.6	85.3	86.4	83.7	79.9	77.6	76.9	77.9
-42.5°	52.9	59.9	66.8	74.0	81.7	86.3	87.1	83.5	79.8	77.1	76.4
-45°	49.7	56.1	62.3	69.4	76.6	84.2	87.1	87.5	83.3	79.5	77.0
-47.5°	46.4	52.3	58.2	64.5	71.4	78.3	85.6	87.3	87.0	83.5	79.7
-50°	42.9	48.5	54.1	59.9	66.0	72.3	78.8	84.9	86.9	86.5	84.4
-52.5°	39.3	44.6	49.8	55.1	60.6	66.4	72.1	77.6	82.9	86.4	86.3
-55°	35.6	40.6	45.5	50.3	55.2	60.4	65.6	70.5	75.3	79.9	84.5
-57.5°	31.8	36.4	41.0	45.5	49.8	54.2	59.0	63.5	67.9	72.2	76.2
-60°	27.9	32.2	36.4	40.6	44.6	48.5	52.3	56.4	60.5	64.4	68.1
-62.5°	24.1	28.1	31.9	35.6	39.3	42.9	46.4	49.7	52.9	56.6	60.1
-65°	21.2	24.1	27.5	30.9	33.9	37.1	40.3	43.4	46.3	49.3	52.3
-67.5°	18.3	20.8	23.4	26.3	29.2	31.6	34.1	36.9	39.5	42.1	44.5
-70°	15.3	17.4	19.6	22.0	24.3	26.2	28.3	30.4	32.7	34.9	37.1
-72.5°	12.2	14.1	15.9	17.6	19.6	21.3	22.9	24.2	25.9	28.1	30.0
-75°	9.9	10.8	12.3	13.8	15.2	16.6	18.0	19.3	20.6	22.0	23.5
-77.5°	8.0	8.8	9.6	10.3	11.1	12.3	13.4	14.5	15.6	16.7	17.5
-80°	6.1	6.8	7.4	8.0	8.6	9.1	9.6	10.2	10.9	11.9	12.9
-82.5°	4.3	4.7	5.2	5.6	6.1	6.5	6.9	7.3	7.7	8.2	8.7
-85°	2.5	2.7	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1
-87.5°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-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°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7
85°	5.3	5.5	5.7	5.9	6.0	5.9	5.7	5.5	5.3	5.4	5.4
82.5°	9.3	9.5	9.7	9.8	9.8	9.9	10.0	10.2	10.3	10.5	10.7
80°	13.7	14.0	14.2	14.3	14.4	14.9	15.6	16.2	16.8	17.1	17.4
77.5°	18.5	19.2	19.8	20.3	20.8	21.5	22.3	22.9	23.4	23.8	24.1
75°	25.0	26.1	27.0	27.9	28.8	29.6	30.3	30.8	31.1	31.6	32.0
72.5°	31.7	33.2	34.6	36.0	37.3	38.3	39.1	39.7	40.1	40.8	41.3
70°	39.1	41.0	42.8	44.4	46.0	47.1	48.0	48.8	49.4	50.3	51.3
67.5°	47.1	49.6	51.6	53.3	54.7	55.9	57.2	58.3	59.4	60.5	61.4
65°	55.3	58.1	60.0	61.7	63.3	64.8	66.5	68.2	69.8	71.1	72.1
62.5°	63.2	66.1	68.6	70.6	72.2	73.7	76.3	78.5	80.3	81.8	83.3
60°	71.6	74.9	78.1	80.7	83.0	85.0	84.8	84.8	84.8	84.8	84.9
57.5°	80.4	84.6	87.3	86.6	85.9	85.1	83.7	82.1	80.7	79.4	78.4
55°	86.8	87.1	87.5	84.9	81.7	78.7	76.5	76.1	75.5	74.9	74.6
52.5°	86.7	84.3	81.5	78.7	77.2	76.1	75.2	74.9	74.7	74.7	74.6
50°	81.4	78.9	77.7	76.7	76.1	75.7	75.3	75.5	76.2	76.7	77.1
47.5°	77.6	76.2	76.4	76.6	76.5	77.0	77.5	78.4	80.6	82.3	83.5
45°	75.7	76.9	77.5	78.2	78.9	81.7	84.5	87.0	92.2	97.1	101.2
42.5°	77.6	78.8	79.7	82.8	86.7	92.2	99.8	106.6	114.6	121.9	127.2
40°	79.5	81.5	85.7	91.6	101.8	111.1	123.4	134.8	144.7	154.0	161.6
37.5°	82.4	87.3	96.8	108.4	123.0	137.6	153.2	168.0	181.0	203.6	222.0
35°	87.7	99.6	113.2	130.9	149.1	168.9	192.0	224.8	254.8	295.4	334.3
32.5°	99.9	115.8	135.2	156.9	179.5	219.4	257.6	322.5	381.6	447.3	514.6
30°	114.5	135.9	160.3	188.4	237.5	299.6	377.4	469.6	570.6	679.5	821.2
27.5°	132.3	158.6	189.7	244.1	322.8	412.9	538.6	678.2	889.9	1064.4	1381.6
25°	150.7	182.0	238.8	323.8	431.7	577.7	795.6	1048.8	1469.5	1939.1	2352.7
22.5°	170.6	221.7	302.2	416.9	579.8	841.1	1183.1	1782.4	2360.8	2815.7	3188.9
20°	194.0	260.6	380.9	546.2	807.9	1195.7	1891.1	2557.9	3095.0	3567.1	3932.3
17.5°	227.0	324.6	475.5	695.6	1080.7	1799.0	2573.5	3204.7	3749.9	4166.7	4475.1
15°	256.9	384.9	580.0	922.5	1508.4	2391.7	3119.3	3736.8	4236.3	4566.3	4821.2
12.5°	299.9	454.2	696.2	1125.2	1986.3	2834.3	3546.4	4127.3	4550.3	4861.1	5126.2
10°	340.7	527.6	855.4	1449.7	2391.1	3188.9	3866.4	4413.5	4795.6	5128.6	5533.8
7.5°	372.2	586.1	986.8	1751.9	2698.0	3486.9	4123.5	4598.2	4969.5	5423.2	6174.4
5°	394.8	630.0	1088.2	1979.8	2895.7	3675.7	4300.3	4760.1	5141.2	5761.3	6931.7
2.5°	408.0	657.1	1150.1	2115.4	3029.5	3775.4	4397.3	4847.8	5258.0	6051.3	7542.7
0°	411.7	664.7	1140.7	2099.5	3040.4	3803.6	4413.6	4875.8	5312.1	6174.5	7883.4
-2.5°	408.0	657.1	1150.1	2115.4	3029.5	3775.4	4397.3	4847.8	5258.0	6051.3	7542.7
-5°	394.8	630.0	1088.2	1979.8	2895.7	3675.7	4300.3	4760.1	5141.2	5761.3	6931.7
-7.5°	372.2	586.1	986.8	1751.9	2698.0	3486.9	4123.5	4598.2	4969.5	5423.2	6174.4
-10°	340.7	527.6	855.4	1449.7	2391.1	3188.9	3866.4	4413.5	4795.6	5128.6	5533.8
-12.5°	299.9	454.2	696.2	1125.2	1986.3	2834.3	3546.4	4127.3	4550.3	4861.1	5126.2
-15°	256.9	384.9	580.0	922.5	1508.4	2391.7	3119.3	3736.8	4236.3	4566.3	4821.2
-17.5°	227.0	324.6	475.5	695.6	1080.7	1799.0	2573.5	3204.7	3749.9	4166.7	4475.1
-20°	194.0	260.6	380.9	546.2	807.9	1195.7	1891.1	2557.9	3095.0	3567.1	3932.3



REPORT NUMBER: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	170.6	221.7	302.2	416.9	579.8	841.1	1183.1	1782.4	2360.8	2815.7	3188.9
-25°	150.7	182.0	238.8	323.8	431.7	577.7	795.6	1048.8	1469.5	1939.1	2352.7
-27.5°	132.3	158.6	189.7	244.1	322.8	412.9	538.6	678.2	889.9	1064.4	1381.6
-30°	114.5	135.9	160.3	188.4	237.5	299.6	377.4	469.6	570.6	679.5	821.2
-32.5°	99.9	115.8	135.2	156.9	179.5	219.4	257.6	322.5	381.6	447.3	514.6
-35°	87.7	99.6	113.2	130.9	149.1	168.9	192.0	224.8	254.8	295.4	334.3
-37.5°	82.4	87.3	96.8	108.4	123.0	137.6	153.2	168.0	181.0	203.6	222.0
-40°	79.5	81.5	85.7	91.6	101.8	111.1	123.4	134.8	144.7	154.0	161.6
-42.5°	77.6	78.8	79.7	82.8	86.7	92.2	99.8	106.6	114.6	121.9	127.2
-45°	75.7	76.9	77.5	78.2	78.9	81.7	84.5	87.0	92.2	97.1	101.2
-47.5°	77.6	76.2	76.4	76.6	76.5	77.0	77.5	78.4	80.6	82.3	83.5
-50°	81.4	78.9	77.7	76.7	76.1	75.7	75.3	75.5	76.2	76.7	77.1
-52.5°	86.7	84.3	81.5	78.7	77.2	76.1	75.2	74.9	74.7	74.7	74.6
-55°	86.8	87.1	87.5	84.9	81.7	78.7	76.5	76.1	75.5	74.9	74.6
-57.5°	80.4	84.6	87.3	86.6	85.9	85.1	83.7	82.1	80.7	79.4	78.4
-60°	71.6	74.9	78.1	80.7	83.0	85.0	84.8	84.8	84.8	84.8	84.9
-62.5°	63.2	66.1	68.6	70.6	72.2	73.7	76.3	78.5	80.3	81.8	83.3
-65°	55.3	58.1	60.0	61.7	63.3	64.8	66.5	68.2	69.8	71.1	72.1
-67.5°	47.1	49.6	51.6	53.3	54.7	55.9	57.2	58.3	59.4	60.5	61.4
-70°	39.1	41.0	42.8	44.4	46.0	47.1	48.0	48.8	49.4	50.3	51.3
-72.5°	31.7	33.2	34.6	36.0	37.3	38.3	39.1	39.7	40.1	40.8	41.3
-75°	25.0	26.1	27.0	27.9	28.8	29.6	30.3	30.8	31.1	31.6	32.0
-77.5°	18.5	19.2	19.8	20.3	20.8	21.5	22.3	22.9	23.4	23.8	24.1
-80°	13.7	14.0	14.2	14.3	14.4	14.9	15.6	16.2	16.8	17.1	17.4
-82.5°	9.3	9.5	9.7	9.8	9.8	9.9	10.0	10.2	10.3	10.5	10.7
-85°	5.3	5.5	5.7	5.9	6.0	5.9	5.7	5.5	5.3	5.4	5.4
-87.5°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
85°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.5
82.5°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.7	10.5	10.3	10.2
80°	17.6	17.7	17.1	16.4	17.1	17.7	17.6	17.4	17.1	16.8	16.2
77.5°	24.3	24.5	23.9	23.3	23.9	24.5	24.3	24.1	23.8	23.4	22.9
75°	32.4	32.6	32.7	32.8	32.7	32.6	32.4	32.0	31.6	31.1	30.8
72.5°	41.8	42.1	42.3	42.4	42.3	42.1	41.8	41.3	40.8	40.1	39.7
70°	52.2	52.9	52.6	52.0	52.6	52.9	52.2	51.3	50.3	49.4	48.8
67.5°	62.1	62.6	62.2	61.5	62.2	62.6	62.1	61.4	60.5	59.4	58.3
65°	72.9	73.5	74.4	75.2	74.4	73.5	72.9	72.1	71.1	69.8	68.2
62.5°	84.5	85.6	85.5	84.8	85.5	85.6	84.5	83.3	81.8	80.3	78.5
60°	84.9	84.9	84.8	84.8	84.8	84.9	84.9	84.9	84.8	84.8	84.8
57.5°	77.6	77.1	76.7	76.6	76.7	77.1	77.6	78.4	79.4	80.7	82.1
55°	74.3	74.1	74.4	75.2	74.4	74.1	74.3	74.6	74.9	75.5	76.1
52.5°	74.4	74.1	74.4	75.2	74.4	74.1	74.4	74.6	74.7	74.7	74.9
50°	77.4	77.7	78.4	79.3	78.4	77.7	77.4	77.1	76.7	76.2	75.5
47.5°	84.2	84.5	85.1	86.2	85.1	84.5	84.2	83.5	82.3	80.6	78.4
45°	104.2	106.3	107.5	108.0	107.5	106.3	104.2	101.2	97.1	92.2	87.0
42.5°	131.5	134.4	136.1	136.8	136.1	134.4	131.5	127.2	121.9	114.6	106.6
40°	167.8	171.8	174.1	175.1	174.1	171.8	167.8	161.6	154.0	144.7	134.8
37.5°	236.5	247.1	253.5	255.8	253.5	247.1	236.5	222.0	203.6	181.0	168.0
35°	365.7	388.8	403.0	408.9	403.0	388.8	365.7	334.3	295.4	254.8	224.8
32.5°	567.1	604.7	626.7	633.2	626.7	604.7	567.1	514.6	447.3	381.6	322.5
30°	943.4	1022.9	1067.6	1058.6	1067.6	1022.9	943.4	821.2	679.5	570.6	469.6
27.5°	1697.7	1914.5	2042.9	2100.1	2042.9	1914.5	1697.7	1381.6	1064.4	889.9	678.2
25°	2684.7	2908.5	3034.1	3056.8	3034.1	2908.5	2684.7	2352.7	1939.1	1469.5	1048.8
22.5°	3530.8	3775.3	3882.5	3887.7	3882.5	3775.3	3530.8	3188.9	2815.7	2360.8	1782.4
20°	4238.6	4447.5	4534.4	4535.3	4534.4	4447.5	4238.6	3932.3	3567.1	3095.0	2557.9
17.5°	4696.4	4865.1	4934.8	4967.5	4934.8	4865.1	4696.4	4475.1	4166.7	3749.9	3204.7
15°	5009.2	5180.4	5308.7	5317.6	5308.7	5180.4	5009.2	4821.2	4566.3	4236.3	3736.8
12.5°	5409.9	5720.8	5999.2	6095.8	5999.2	5720.8	5409.9	5126.2	4861.1	4550.3	4127.3
10°	6127.3	6785.9	7368.0	7477.2	7368.0	6785.9	6127.3	5533.8	5128.6	4795.6	4413.5
7.5°	7323.1	8706.8	9631.8	9824.2	9631.8	8706.8	7323.1	6174.4	5423.2	4969.5	4598.2
5°	8874.3	11131.3	12361.1	12597.9	12361.1	11131.3	8874.3	6931.7	5761.3	5141.2	4760.1
2.5°	10117.0	12970.2	14355.4	14580.4	14355.4	12970.2	10117.0	7542.7	6051.3	5258.0	4847.8
0°	10614.0	13552.5	15104.2	15414.0	15104.2	13552.5	10614.0	7883.4	6174.5	5312.1	4875.8
-2.5°	10117.0	12970.2	14355.4	14580.4	14355.4	12970.2	10117.0	7542.7	6051.3	5258.0	4847.8
-5°	8874.3	11131.3	12361.1	12597.9	12361.1	11131.3	8874.3	6931.7	5761.3	5141.2	4760.1
-7.5°	7323.1	8706.8	9631.8	9824.2	9631.8	8706.8	7323.1	6174.4	5423.2	4969.5	4598.2
-10°	6127.3	6785.9	7368.0	7477.2	7368.0	6785.9	6127.3	5533.8	5128.6	4795.6	4413.5
-12.5°	5409.9	5720.8	5999.2	6095.8	5999.2	5720.8	5409.9	5126.2	4861.1	4550.3	4127.3
-15°	5009.2	5180.4	5308.7	5317.6	5308.7	5180.4	5009.2	4821.2	4566.3	4236.3	3736.8
-17.5°	4696.4	4865.1	4934.8	4967.5	4934.8	4865.1	4696.4	4475.1	4166.7	3749.9	3204.7
-20°	4238.6	4447.5	4534.4	4535.3	4534.4	4447.5	4238.6	3932.3	3567.1	3095.0	2557.9



REPORT NUMBER: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3530.8	3775.3	3882.5	3887.7	3882.5	3775.3	3530.8	3188.9	2815.7	2360.8	1782.4
-25°	2684.7	2908.5	3034.1	3056.8	3034.1	2908.5	2684.7	2352.7	1939.1	1469.5	1048.8
-27.5°	1697.7	1914.5	2042.9	2100.1	2042.9	1914.5	1697.7	1381.6	1064.4	889.9	678.2
-30°	943.4	1022.9	1067.6	1058.6	1067.6	1022.9	943.4	821.2	679.5	570.6	469.6
-32.5°	567.1	604.7	626.7	633.2	626.7	604.7	567.1	514.6	447.3	381.6	322.5
-35°	365.7	388.8	403.0	408.9	403.0	388.8	365.7	334.3	295.4	254.8	224.8
-37.5°	236.5	247.1	253.5	255.8	253.5	247.1	236.5	222.0	203.6	181.0	168.0
-40°	167.8	171.8	174.1	175.1	174.1	171.8	167.8	161.6	154.0	144.7	134.8
-42.5°	131.5	134.4	136.1	136.8	136.1	134.4	131.5	127.2	121.9	114.6	106.6
-45°	104.2	106.3	107.5	108.0	107.5	106.3	104.2	101.2	97.1	92.2	87.0
-47.5°	84.2	84.5	85.1	86.2	85.1	84.5	84.2	83.5	82.3	80.6	78.4
-50°	77.4	77.7	78.4	79.3	78.4	77.7	77.4	77.1	76.7	76.2	75.5
-52.5°	74.4	74.1	74.4	75.2	74.4	74.1	74.4	74.6	74.7	74.7	74.9
-55°	74.3	74.1	74.4	75.2	74.4	74.1	74.3	74.6	74.9	75.5	76.1
-57.5°	77.6	77.1	76.7	76.6	76.7	77.1	77.6	78.4	79.4	80.7	82.1
-60°	84.9	84.9	84.8	84.8	84.8	84.9	84.9	84.9	84.8	84.8	84.8
-62.5°	84.5	85.6	85.5	84.8	85.5	85.6	84.5	83.3	81.8	80.3	78.5
-65°	72.9	73.5	74.4	75.2	74.4	73.5	72.9	72.1	71.1	69.8	68.2
-67.5°	62.1	62.6	62.2	61.5	62.2	62.6	62.1	61.4	60.5	59.4	58.3
-70°	52.2	52.9	52.6	52.0	52.6	52.9	52.2	51.3	50.3	49.4	48.8
-72.5°	41.8	42.1	42.3	42.4	42.3	42.1	41.8	41.3	40.8	40.1	39.7
-75°	32.4	32.6	32.7	32.8	32.7	32.6	32.4	32.0	31.6	31.1	30.8
-77.5°	24.3	24.5	23.9	23.3	23.9	24.5	24.3	24.1	23.8	23.4	22.9
-80°	17.6	17.7	17.1	16.4	17.1	17.7	17.6	17.4	17.1	16.8	16.2
-82.5°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.7	10.5	10.3	10.2
-85°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.5
-87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
-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: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-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°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
85°	5.7	5.9	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.6	4.4
82.5°	10.0	9.9	9.8	9.8	9.7	9.5	9.3	8.7	8.2	7.7	7.3
80°	15.6	14.9	14.4	14.3	14.2	14.0	13.7	12.9	11.9	10.9	10.2
77.5°	22.3	21.5	20.8	20.3	19.8	19.2	18.5	17.5	16.7	15.6	14.5
75°	30.3	29.6	28.8	27.9	27.0	26.1	25.0	23.5	22.0	20.6	19.3
72.5°	39.1	38.3	37.3	36.0	34.6	33.2	31.7	30.0	28.1	25.9	24.2
70°	48.0	47.1	46.0	44.4	42.8	41.0	39.1	37.1	34.9	32.7	30.4
67.5°	57.2	55.9	54.7	53.3	51.6	49.6	47.1	44.5	42.1	39.5	36.9
65°	66.5	64.8	63.3	61.7	60.0	58.1	55.3	52.3	49.3	46.3	43.4
62.5°	76.3	73.7	72.2	70.6	68.6	66.1	63.2	60.1	56.6	52.9	49.7
60°	84.8	85.0	83.0	80.7	78.1	74.9	71.6	68.1	64.4	60.5	56.4
57.5°	83.7	85.1	85.9	86.6	87.3	84.6	80.4	76.2	72.2	67.9	63.5
55°	76.5	78.7	81.7	84.9	87.5	87.1	86.8	84.5	79.9	75.3	70.5
52.5°	75.2	76.1	77.2	78.7	81.5	84.3	86.7	86.3	86.4	82.9	77.6
50°	75.3	75.7	76.1	76.7	77.7	78.9	81.4	84.4	86.5	86.9	84.9
47.5°	77.5	77.0	76.5	76.6	76.4	76.2	77.6	79.7	83.5	87.0	87.3
45°	84.5	81.7	78.9	78.2	77.5	76.9	75.7	77.0	79.5	83.3	87.5
42.5°	99.8	92.2	86.7	82.8	79.7	78.8	77.6	76.4	77.1	79.8	83.5
40°	123.4	111.1	101.8	91.6	85.7	81.5	79.5	77.9	76.9	77.6	79.9
37.5°	153.2	137.6	123.0	108.4	96.8	87.3	82.4	79.6	78.0	77.0	77.9
35°	192.0	168.9	149.1	130.9	113.2	99.6	87.7	82.4	79.5	77.8	76.8
32.5°	257.6	219.4	179.5	156.9	135.2	115.8	99.9	87.3	81.5	79.0	77.5
30°	377.4	299.6	237.5	188.4	160.3	135.9	114.5	97.3	85.8	80.4	78.3
27.5°	538.6	412.9	322.8	244.1	189.7	158.6	132.3	109.6	91.7	83.5	79.4
25°	795.6	577.7	431.7	323.8	238.8	182.0	150.7	124.4	102.6	87.0	80.5
22.5°	1183.1	841.1	579.8	416.9	302.2	221.7	170.6	139.0	112.8	92.9	83.3
20°	1891.1	1195.7	807.9	546.2	380.9	260.6	194.0	154.8	125.1	101.2	86.1
17.5°	2573.5	1799.0	1080.7	695.6	475.5	324.6	227.0	170.1	136.3	108.4	88.6
15°	3119.3	2391.7	1508.4	922.5	580.0	384.9	256.9	184.1	147.2	116.3	93.9
12.5°	3546.4	2834.3	1986.3	1125.2	696.2	454.2	299.9	207.9	157.9	124.1	98.6
10°	3866.4	3188.9	2391.1	1449.7	855.4	527.6	340.7	227.7	166.4	130.3	102.5
7.5°	4123.5	3486.9	2698.0	1751.9	986.8	586.1	372.2	243.3	173.0	134.9	105.5
5°	4300.3	3675.7	2895.7	1979.8	1088.2	630.0	394.8	254.7	177.8	138.0	107.5
2.5°	4397.3	3775.4	3029.5	2115.4	1150.1	657.1	408.0	261.2	180.3	140.2	108.9
0°	4413.6	3803.6	3040.4	2099.5	1140.7	664.7	411.7	262.6	180.5	140.9	109.4
-2.5°	4397.3	3775.4	3029.5	2115.4	1150.1	657.1	408.0	261.2	180.3	140.2	108.9
-5°	4300.3	3675.7	2895.7	1979.8	1088.2	630.0	394.8	254.7	177.8	138.0	107.5
-7.5°	4123.5	3486.9	2698.0	1751.9	986.8	586.1	372.2	243.3	173.0	134.9	105.5
-10°	3866.4	3188.9	2391.1	1449.7	855.4	527.6	340.7	227.7	166.4	130.3	102.5
-12.5°	3546.4	2834.3	1986.3	1125.2	696.2	454.2	299.9	207.9	157.9	124.1	98.6
-15°	3119.3	2391.7	1508.4	922.5	580.0	384.9	256.9	184.1	147.2	116.3	93.9
-17.5°	2573.5	1799.0	1080.7	695.6	475.5	324.6	227.0	170.1	136.3	108.4	88.6
-20°	1891.1	1195.7	807.9	546.2	380.9	260.6	194.0	154.8	125.1	101.2	86.1



REPORT NUMBER: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1183.1	841.1	579.8	416.9	302.2	221.7	170.6	139.0	112.8	92.9	83.3
-25°	795.6	577.7	431.7	323.8	238.8	182.0	150.7	124.4	102.6	87.0	80.5
-27.5°	538.6	412.9	322.8	244.1	189.7	158.6	132.3	109.6	91.7	83.5	79.4
-30°	377.4	299.6	237.5	188.4	160.3	135.9	114.5	97.3	85.8	80.4	78.3
-32.5°	257.6	219.4	179.5	156.9	135.2	115.8	99.9	87.3	81.5	79.0	77.5
-35°	192.0	168.9	149.1	130.9	113.2	99.6	87.7	82.4	79.5	77.8	76.8
-37.5°	153.2	137.6	123.0	108.4	96.8	87.3	82.4	79.6	78.0	77.0	77.9
-40°	123.4	111.1	101.8	91.6	85.7	81.5	79.5	77.9	76.9	77.6	79.9
-42.5°	99.8	92.2	86.7	82.8	79.7	78.8	77.6	76.4	77.1	79.8	83.5
-45°	84.5	81.7	78.9	78.2	77.5	76.9	75.7	77.0	79.5	83.3	87.5
-47.5°	77.5	77.0	76.5	76.6	76.4	76.2	77.6	79.7	83.5	87.0	87.3
-50°	75.3	75.7	76.1	76.7	77.7	78.9	81.4	84.4	86.5	86.9	84.9
-52.5°	75.2	76.1	77.2	78.7	81.5	84.3	86.7	86.3	86.4	82.9	77.6
-55°	76.5	78.7	81.7	84.9	87.5	87.1	86.8	84.5	79.9	75.3	70.5
-57.5°	83.7	85.1	85.9	86.6	87.3	84.6	80.4	76.2	72.2	67.9	63.5
-60°	84.8	85.0	83.0	80.7	78.1	74.9	71.6	68.1	64.4	60.5	56.4
-62.5°	76.3	73.7	72.2	70.6	68.6	66.1	63.2	60.1	56.6	52.9	49.7
-65°	66.5	64.8	63.3	61.7	60.0	58.1	55.3	52.3	49.3	46.3	43.4
-67.5°	57.2	55.9	54.7	53.3	51.6	49.6	47.1	44.5	42.1	39.5	36.9
-70°	48.0	47.1	46.0	44.4	42.8	41.0	39.1	37.1	34.9	32.7	30.4
-72.5°	39.1	38.3	37.3	36.0	34.6	33.2	31.7	30.0	28.1	25.9	24.2
-75°	30.3	29.6	28.8	27.9	27.0	26.1	25.0	23.5	22.0	20.6	19.3
-77.5°	22.3	21.5	20.8	20.3	19.8	19.2	18.5	17.5	16.7	15.6	14.5
-80°	15.6	14.9	14.4	14.3	14.2	14.0	13.7	12.9	11.9	10.9	10.2
-82.5°	10.0	9.9	9.8	9.8	9.7	9.5	9.3	8.7	8.2	7.7	7.3
-85°	5.7	5.9	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.6	4.4
-87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-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°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.9	0.8
85°	4.1	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.1	1.8	1.6
82.5°	6.9	6.5	6.1	5.6	5.2	4.7	4.3	3.8	3.3	2.8	2.4
80°	9.6	9.1	8.6	8.0	7.4	6.8	6.1	5.5	4.8	4.2	3.5
77.5°	13.4	12.3	11.1	10.3	9.6	8.8	8.0	7.2	6.4	5.6	4.7
75°	18.0	16.6	15.2	13.8	12.3	10.8	9.9	8.9	7.9	6.9	5.9
72.5°	22.9	21.3	19.6	17.6	15.9	14.1	12.2	10.6	9.4	8.3	7.1
70°	28.3	26.2	24.3	22.0	19.6	17.4	15.3	13.1	11.0	9.6	8.3
67.5°	34.1	31.6	29.2	26.3	23.4	20.8	18.3	15.9	13.4	11.0	9.4
65°	40.3	37.1	33.9	30.9	27.5	24.1	21.2	18.6	15.9	13.1	10.6
62.5°	46.4	42.9	39.3	35.6	31.9	28.1	24.1	21.2	18.3	15.3	12.2
60°	52.3	48.5	44.6	40.6	36.4	32.2	27.9	23.8	20.6	17.4	14.1
57.5°	59.0	54.2	49.8	45.5	41.0	36.4	31.8	27.0	22.9	19.4	15.9
55°	65.6	60.4	55.2	50.3	45.5	40.6	35.6	30.5	25.3	21.4	17.6
52.5°	72.1	66.4	60.6	55.1	49.8	44.6	39.3	33.8	28.3	23.3	19.3
50°	78.8	72.3	66.0	59.9	54.1	48.5	42.9	37.1	31.3	25.4	20.9
47.5°	85.6	78.3	71.4	64.5	58.2	52.3	46.4	40.3	34.1	27.9	22.5
45°	87.1	84.2	76.6	69.4	62.3	56.1	49.7	43.4	36.9	30.3	24.0
42.5°	87.1	86.3	81.7	74.0	66.8	59.9	52.9	46.3	39.5	32.5	25.7
40°	83.7	86.4	85.3	78.6	71.2	63.6	56.3	49.1	42.1	34.7	27.6
37.5°	80.1	84.6	85.6	83.2	75.4	67.5	59.6	51.7	44.5	36.8	29.3
35°	78.3	81.4	86.2	85.4	79.4	71.2	62.9	54.4	46.7	38.9	30.9
32.5°	76.9	78.9	83.7	85.9	83.2	74.7	66.0	57.1	48.9	40.8	32.4
30°	77.0	77.7	81.2	86.1	85.9	78.0	68.9	59.6	50.8	42.7	33.8
27.5°	77.3	76.4	79.0	84.6	86.1	81.1	71.5	61.8	52.7	44.4	35.2
25°	77.8	76.2	77.8	82.6	86.2	84.0	74.0	63.9	54.5	45.9	36.6
22.5°	78.8	76.4	76.6	80.7	86.6	86.9	76.4	65.9	56.2	47.3	37.9
20°	79.8	76.6	75.4	79.1	85.9	87.2	78.7	67.7	57.6	48.5	39.1
17.5°	81.1	77.1	75.5	78.2	84.7	87.6	80.9	69.4	58.9	49.6	40.1
15°	83.0	78.0	75.8	77.4	83.5	88.0	82.9	70.8	59.9	50.6	41.1
12.5°	84.6	78.8	76.0	76.8	82.3	88.3	84.8	72.1	60.8	51.4	42.0
10°	85.7	79.5	76.2	76.2	81.3	88.7	86.4	73.3	61.5	52.1	42.7
7.5°	86.5	80.0	76.4	75.8	80.5	88.9	87.8	74.5	62.1	52.6	43.2
5°	87.1	80.6	76.8	75.8	79.8	88.9	89.0	75.4	62.6	53.0	43.5
2.5°	88.1	81.4	77.4	76.2	79.4	88.9	89.8	76.1	62.8	53.2	43.7
0°	88.9	82.1	78.0	76.6	79.3	88.9	90.3	76.6	62.9	53.3	43.8
-2.5°	88.1	81.4	77.4	76.2	79.4	88.9	89.8	76.1	62.8	53.2	43.7
-5°	87.1	80.6	76.8	75.8	79.8	88.9	89.0	75.4	62.6	53.0	43.5
-7.5°	86.5	80.0	76.4	75.8	80.5	88.9	87.8	74.5	62.1	52.6	43.2
-10°	85.7	79.5	76.2	76.2	81.3	88.7	86.4	73.3	61.5	52.1	42.7
-12.5°	84.6	78.8	76.0	76.8	82.3	88.3	84.8	72.1	60.8	51.4	42.0
-15°	83.0	78.0	75.8	77.4	83.5	88.0	82.9	70.8	59.9	50.6	41.1
-17.5°	81.1	77.1	75.5	78.2	84.7	87.6	80.9	69.4	58.9	49.6	40.1
-20°	79.8	76.6	75.4	79.1	85.9	87.2	78.7	67.7	57.6	48.5	39.1



REPORT NUMBER: P561388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	78.8	76.4	76.6	80.7	86.6	86.9	76.4	65.9	56.2	47.3	37.9
-25°	77.8	76.2	77.8	82.6	86.2	84.0	74.0	63.9	54.5	45.9	36.6
-27.5°	77.3	76.4	79.0	84.6	86.1	81.1	71.5	61.8	52.7	44.4	35.2
-30°	77.0	77.7	81.2	86.1	85.9	78.0	68.9	59.6	50.8	42.7	33.8
-32.5°	76.9	78.9	83.7	85.9	83.2	74.7	66.0	57.1	48.9	40.8	32.4
-35°	78.3	81.4	86.2	85.4	79.4	71.2	62.9	54.4	46.7	38.9	30.9
-37.5°	80.1	84.6	85.6	83.2	75.4	67.5	59.6	51.7	44.5	36.8	29.3
-40°	83.7	86.4	85.3	78.6	71.2	63.6	56.3	49.1	42.1	34.7	27.6
-42.5°	87.1	86.3	81.7	74.0	66.8	59.9	52.9	46.3	39.5	32.5	25.7
-45°	87.1	84.2	76.6	69.4	62.3	56.1	49.7	43.4	36.9	30.3	24.0
-47.5°	85.6	78.3	71.4	64.5	58.2	52.3	46.4	40.3	34.1	27.9	22.5
-50°	78.8	72.3	66.0	59.9	54.1	48.5	42.9	37.1	31.3	25.4	20.9
-52.5°	72.1	66.4	60.6	55.1	49.8	44.6	39.3	33.8	28.3	23.3	19.3
-55°	65.6	60.4	55.2	50.3	45.5	40.6	35.6	30.5	25.3	21.4	17.6
-57.5°	59.0	54.2	49.8	45.5	41.0	36.4	31.8	27.0	22.9	19.4	15.9
-60°	52.3	48.5	44.6	40.6	36.4	32.2	27.9	23.8	20.6	17.4	14.1
-62.5°	46.4	42.9	39.3	35.6	31.9	28.1	24.1	21.2	18.3	15.3	12.2
-65°	40.3	37.1	33.9	30.9	27.5	24.1	21.2	18.6	15.9	13.1	10.6
-67.5°	34.1	31.6	29.2	26.3	23.4	20.8	18.3	15.9	13.4	11.0	9.4
-70°	28.3	26.2	24.3	22.0	19.6	17.4	15.3	13.1	11.0	9.6	8.3
-72.5°	22.9	21.3	19.6	17.6	15.9	14.1	12.2	10.6	9.4	8.3	7.1
-75°	18.0	16.6	15.2	13.8	12.3	10.8	9.9	8.9	7.9	6.9	5.9
-77.5°	13.4	12.3	11.1	10.3	9.6	8.8	8.0	7.2	6.4	5.6	4.7
-80°	9.6	9.1	8.6	8.0	7.4	6.8	6.1	5.5	4.8	4.2	3.5
-82.5°	6.9	6.5	6.1	5.6	5.2	4.7	4.3	3.8	3.3	2.8	2.4
-85°	4.1	3.9	3.6	3.3	3.0	2.7	2.5	2.3	2.1	1.8	1.6
-87.5°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.9	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	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
80°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
77.5°	3.9	3.0	2.3	1.7	1.2	0.6	0.0
75°	4.9	3.9	2.8	2.1	1.4	0.7	0.0
72.5°	5.9	4.7	3.5	2.4	1.6	0.8	0.0
70°	6.9	5.6	4.2	2.8	1.8	0.9	0.0
67.5°	7.9	6.4	4.8	3.3	2.1	1.0	0.0
65°	8.9	7.2	5.5	3.8	2.3	1.1	0.0
62.5°	9.9	8.0	6.1	4.3	2.5	1.2	0.0
60°	10.8	8.8	6.8	4.7	2.7	1.3	0.0
57.5°	12.3	9.6	7.4	5.2	3.0	1.5	0.0
55°	13.8	10.3	8.0	5.6	3.3	1.5	0.0
52.5°	15.2	11.1	8.6	6.1	3.6	1.6	0.0
50°	16.6	12.3	9.1	6.5	3.9	1.7	0.0
47.5°	18.0	13.4	9.6	6.9	4.1	1.8	0.0
45°	19.3	14.5	10.2	7.3	4.4	1.9	0.0
42.5°	20.5	15.5	10.7	7.7	4.6	2.0	0.0
40°	21.7	16.5	11.3	8.0	4.9	2.1	0.0
37.5°	22.8	17.5	12.1	8.3	5.1	2.1	0.0
35°	23.9	18.4	12.8	8.7	5.3	2.2	0.0
32.5°	25.0	19.2	13.4	9.0	5.5	2.3	0.0
30°	26.2	20.0	14.1	9.2	5.7	2.3	0.0
27.5°	27.2	20.7	14.7	9.5	5.9	2.4	0.0
25°	28.2	21.4	15.2	9.7	6.0	2.4	0.0
22.5°	29.0	22.0	15.7	10.0	6.2	2.5	0.0
20°	29.8	22.5	16.1	10.2	6.3	2.5	0.0
17.5°	30.6	23.0	16.5	10.3	6.4	2.6	0.0
15°	31.3	23.4	16.9	10.5	6.5	2.6	0.0
12.5°	32.0	23.8	17.1	10.6	6.6	2.6	0.0
10°	32.6	24.1	17.4	10.7	6.7	2.7	0.0
7.5°	33.2	24.3	17.6	10.8	6.7	2.7	0.0
5°	33.6	24.5	17.7	10.9	6.8	2.7	0.0
2.5°	34.0	24.6	17.8	10.9	6.8	2.7	0.0
0°	34.2	24.6	17.8	10.9	6.8	2.7	0.0
-2.5°	34.0	24.6	17.8	10.9	6.8	2.7	0.0
-5°	33.6	24.5	17.7	10.9	6.8	2.7	0.0
-7.5°	33.2	24.3	17.6	10.8	6.7	2.7	0.0
-10°	32.6	24.1	17.4	10.7	6.7	2.7	0.0
-12.5°	32.0	23.8	17.1	10.6	6.6	2.6	0.0
-15°	31.3	23.4	16.9	10.5	6.5	2.6	0.0
-17.5°	30.6	23.0	16.5	10.3	6.4	2.6	0.0
-20°	29.8	22.5	16.1	10.2	6.3	2.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29.0	22.0	15.7	10.0	6.2	2.5	0.0
-25°	28.2	21.4	15.2	9.7	6.0	2.4	0.0
-27.5°	27.2	20.7	14.7	9.5	5.9	2.4	0.0
-30°	26.2	20.0	14.1	9.2	5.7	2.3	0.0
-32.5°	25.0	19.2	13.4	9.0	5.5	2.3	0.0
-35°	23.9	18.4	12.8	8.7	5.3	2.2	0.0
-37.5°	22.8	17.5	12.1	8.3	5.1	2.1	0.0
-40°	21.7	16.5	11.3	8.0	4.9	2.1	0.0
-42.5°	20.5	15.5	10.7	7.7	4.6	2.0	0.0
-45°	19.3	14.5	10.2	7.3	4.4	1.9	0.0
-47.5°	18.0	13.4	9.6	6.9	4.1	1.8	0.0
-50°	16.6	12.3	9.1	6.5	3.9	1.7	0.0
-52.5°	15.2	11.1	8.6	6.1	3.6	1.6	0.0
-55°	13.8	10.3	8.0	5.6	3.3	1.5	0.0
-57.5°	12.3	9.6	7.4	5.2	3.0	1.5	0.0
-60°	10.8	8.8	6.8	4.7	2.7	1.3	0.0
-62.5°	9.9	8.0	6.1	4.3	2.5	1.2	0.0
-65°	8.9	7.2	5.5	3.8	2.3	1.1	0.0
-67.5°	7.9	6.4	4.8	3.3	2.1	1.0	0.0
-70°	6.9	5.6	4.2	2.8	1.8	0.9	0.0
-72.5°	5.9	4.7	3.5	2.4	1.6	0.8	0.0
-75°	4.9	3.9	2.8	2.1	1.4	0.7	0.0
-77.5°	3.9	3.0	2.3	1.7	1.2	0.6	0.0
-80°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)