

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: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-AMB-U-NAT-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1B-AMB-U-NAT-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

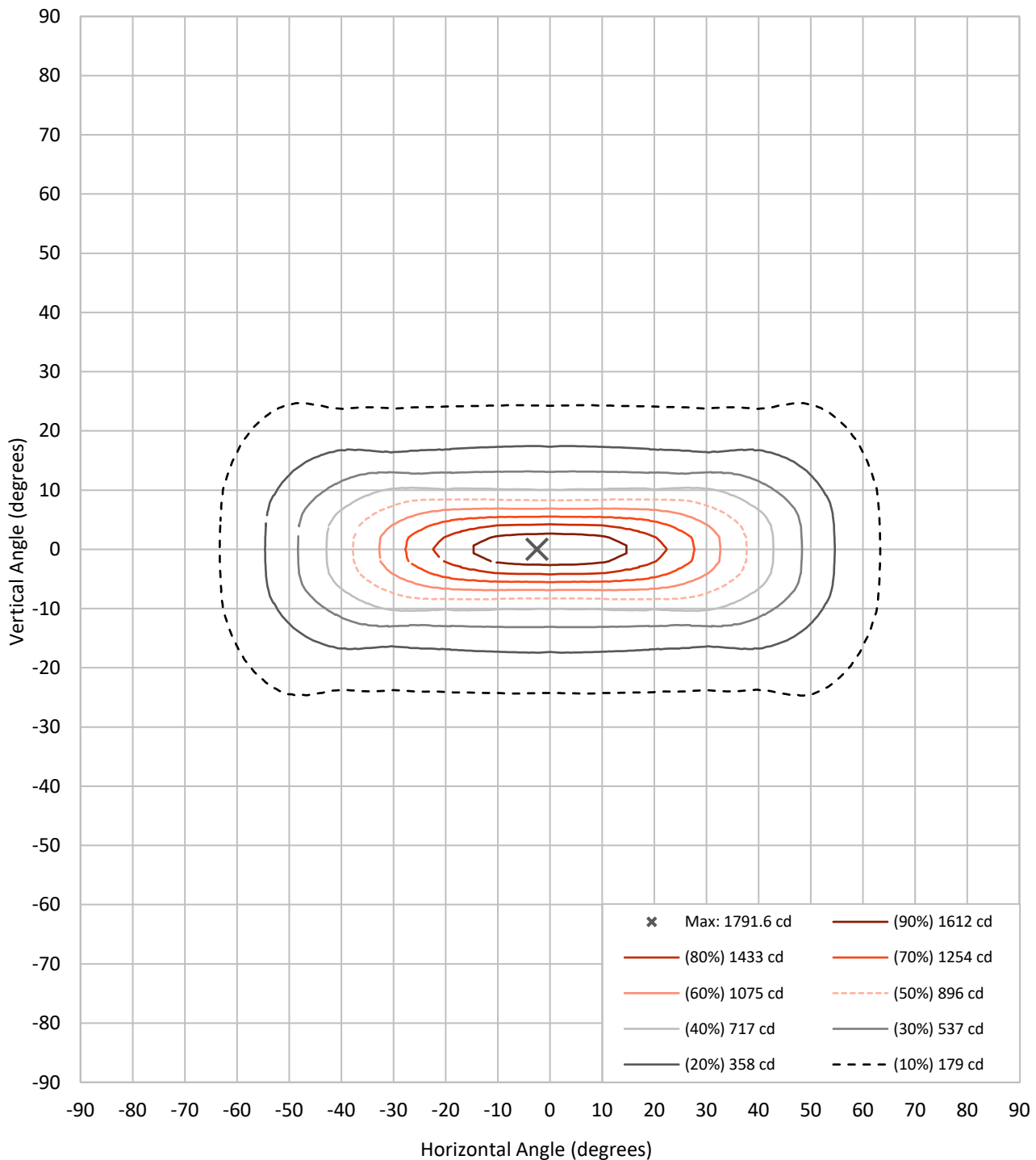
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	1124.1 lumens	Max Intensity:	1791.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	48.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	75.5°H x 16.6°V	Field Angle (10%):	126.6°H x 48.5°V
Beam Lumens:	396.5 lumens	Field Lumens:	905.5 lumens
Beam Efficiency:	35.3%	Field Efficiency:	80.6%

Input Watts (W): 23.3
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: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





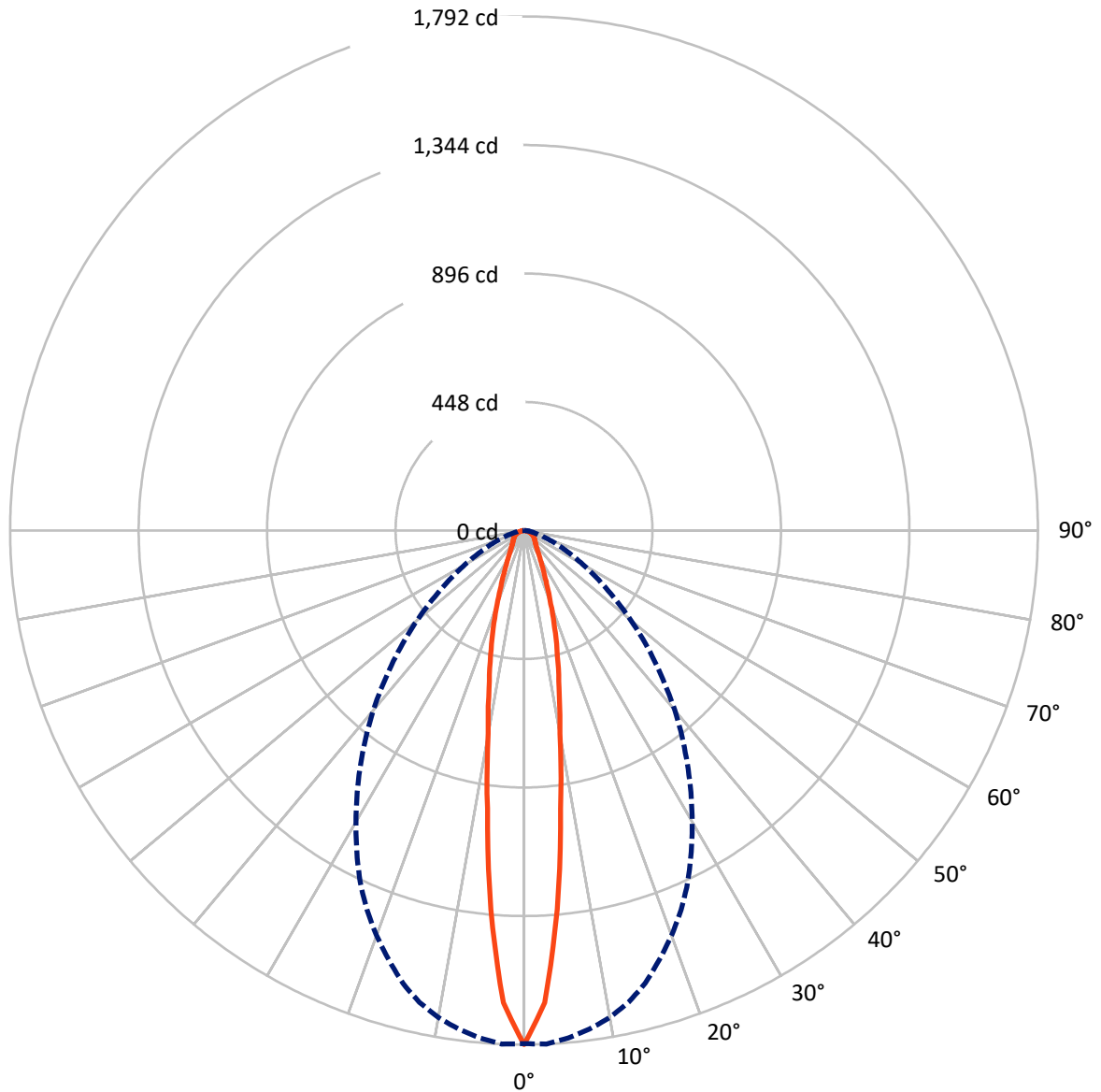
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Lumen Table

90	0.1	0.4	0.8	1.1	1.2	1.1	0.8	0.4	0.1										
80	0.1	0.4	0.8	1.1	1.2	1.1	0.8	0.4	0.1										
70		0.2	0.4	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.4	0.2				
60	0.3	0.4	0.6	0.8	1.0	1.1	1.2	1.3	1.3	1.2	1.1	1.0	0.8	0.6	0.4				0.3
50		0.6	1.0	1.2	1.4	1.5	1.6	1.7	1.7	1.6	1.5	1.4	1.2	1.0	0.6				
40	0.5	0.9	1.6	1.9	2.2	2.4	2.5	2.5	2.5	2.5	2.4	2.2	1.9	1.6	0.9				0.5
30		1.3	2.7	3.8	4.2	4.7	5.1	5.3	5.3	5.1	4.7	4.2	3.8	2.7	1.3				
20	0.8	1.7	4.4	8.0	10.9	12.4	13.5	14.1	14.1	13.5	12.4	10.9	8.0	4.4	1.7				0.8
10		2.0	6.0	13.1	22.0	30.7	36.6	39.3	39.3	36.6	30.7	22.0	13.1	6.0	2.0				
0	1.0	2.0	6.0	13.1	22.0	30.7	36.6	39.3	39.3	36.6	30.7	22.0	13.1	6.0	2.0				1.0
-10		2.0	6.0	13.1	22.0	30.7	36.6	39.3	39.3	36.6	30.7	22.0	13.1	6.0	2.0				
-20	0.8	1.7	4.4	8.0	10.9	12.4	13.5	14.1	14.1	13.5	12.4	10.9	8.0	4.4	1.7				0.8
-30		1.3	2.7	3.8	4.2	4.7	5.1	5.3	5.3	5.1	4.7	4.2	3.8	2.7	1.3				
-40	0.5	0.9	1.6	1.9	2.2	2.4	2.5	2.5	2.5	2.5	2.4	2.2	1.9	1.6	0.9				0.5
-50		0.6	1.0	1.2	1.4	1.5	1.6	1.7	1.7	1.6	1.5	1.4	1.2	1.0	0.6				
-60	0.3	0.4	0.6	0.8	1.0	1.1	1.2	1.3	1.3	1.2	1.1	1.0	0.8	0.6	0.4				0.3
-70		0.2	0.4	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.4	0.2				
-80	0.1	0.4	0.8	1.1	1.2	1.1	0.8	0.4	0.1										
-90	0.1	0.4	0.8	1.1	1.2	1.1	0.8	0.4	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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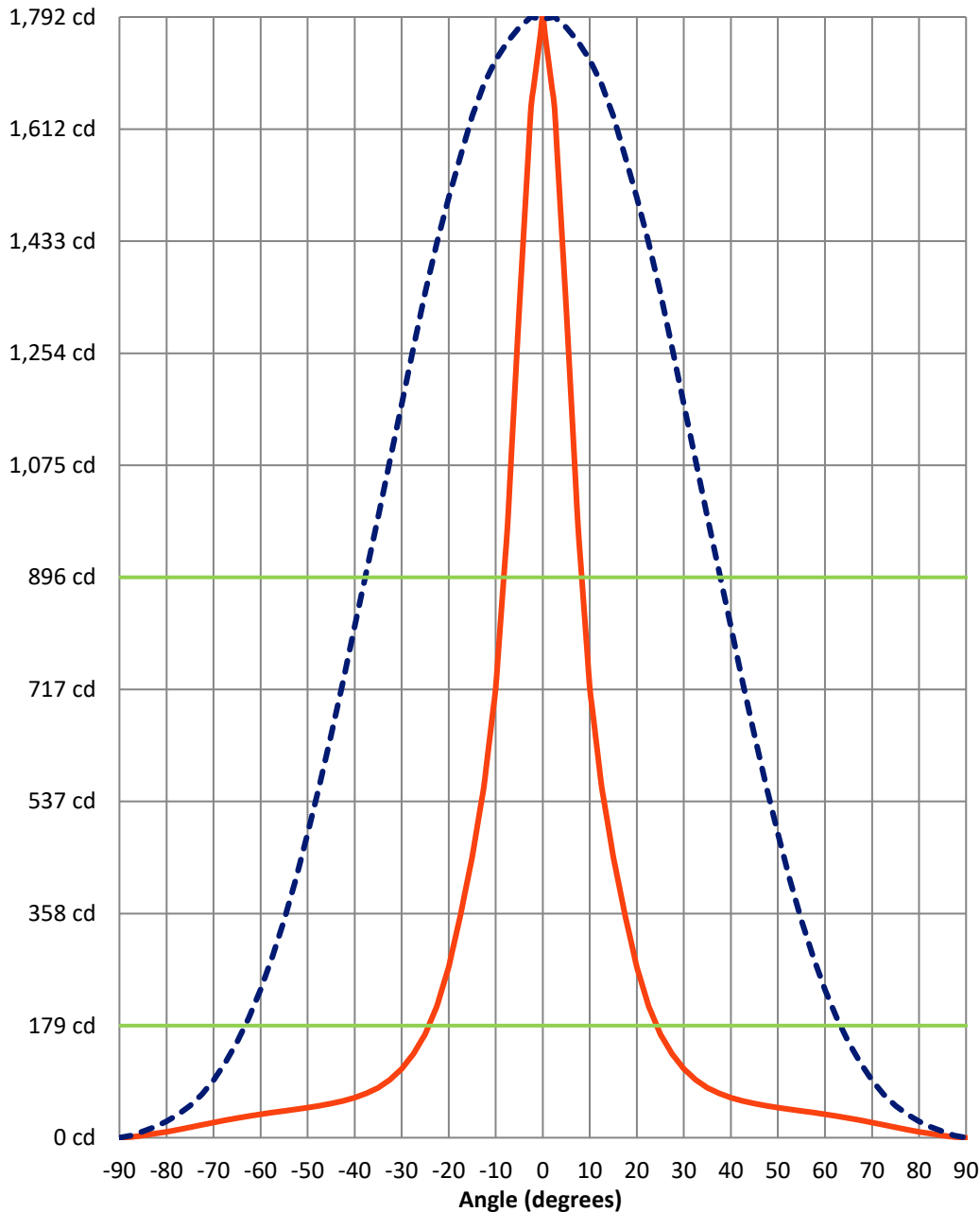
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 75.5°
 V Angle: 16.6°
 Lumens: 396.5
 Efficiency: 35.3%

Field:
 H Angle: 126.6°
 V Angle: 48.5°
 Lumens: 905.5
 Efficiency: 80.6%

Spill:
 Lumens: 218.6
 Efficiency: 19.4%

— 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	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.0	1.1
85°	0.0	0.3	0.6	0.9	1.1	1.3	1.6	1.7	1.9	2.1	2.2
82.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.3	2.6	2.9	3.3	3.7
80°	0.0	0.6	1.2	1.7	2.2	2.7	3.2	3.8	4.4	5.0	5.4
77.5°	0.0	0.7	1.5	2.1	2.8	3.5	4.4	5.2	5.9	6.6	7.2
75°	0.0	0.9	1.8	2.6	3.4	4.6	5.6	6.6	7.5	8.5	9.3
72.5°	0.0	1.0	2.0	3.0	4.3	5.7	6.9	8.0	9.3	10.5	11.4
70°	0.0	1.2	2.3	3.5	5.3	6.8	8.2	9.7	11.2	12.5	13.7
67.5°	0.0	1.3	2.6	4.2	6.2	7.9	9.7	11.4	13.1	14.7	16.0
65°	0.0	1.4	2.9	4.9	7.1	9.1	11.2	13.1	15.2	16.9	18.4
62.5°	0.0	1.6	3.1	5.6	8.0	10.5	12.8	15.0	17.3	19.3	21.2
60°	0.0	1.7	3.4	6.4	9.0	11.8	14.3	17.0	19.5	22.0	24.1
57.5°	0.0	1.8	3.9	7.1	10.0	13.1	16.0	19.0	21.9	24.7	27.1
55°	0.0	1.9	4.3	7.7	11.1	14.4	17.8	21.0	24.4	27.5	30.3
52.5°	0.0	2.1	4.8	8.4	12.1	15.7	19.6	23.2	26.9	30.5	33.5
50°	0.0	2.2	5.2	9.1	13.1	17.2	21.4	25.6	29.5	33.7	37.3
47.5°	0.0	2.3	5.6	9.8	14.2	18.7	23.1	27.9	32.4	36.9	41.3
45°	0.0	2.4	6.1	10.5	15.1	20.1	25.2	30.2	35.5	40.7	45.5
42.5°	0.0	2.5	6.4	11.2	16.1	21.5	27.1	32.8	38.6	44.6	50.4
40°	0.0	2.6	6.8	11.9	17.1	22.9	29.1	35.5	41.9	48.7	55.7
37.5°	0.0	2.7	7.2	12.5	18.2	24.3	31.1	38.2	45.7	53.3	61.1
35°	0.0	2.8	7.5	13.1	19.2	25.8	33.0	40.9	49.6	58.4	66.9
32.5°	0.0	2.9	7.8	13.6	20.3	27.3	34.9	43.5	53.5	63.7	73.6
30°	0.0	2.9	8.2	14.2	21.2	28.8	37.1	46.3	57.5	69.1	80.7
27.5°	0.0	3.0	8.4	14.6	22.0	30.2	39.2	49.6	61.7	74.5	88.0
25°	0.0	3.1	8.7	15.1	22.7	31.5	41.2	52.7	66.1	80.5	95.7
22.5°	0.0	3.1	8.9	15.4	23.3	32.7	43.2	55.9	70.5	86.7	104.3
20°	0.0	3.2	9.2	15.8	23.9	33.6	45.1	58.9	74.9	93.0	113.1
17.5°	0.0	3.2	9.4	16.1	24.4	34.4	46.6	61.8	79.1	99.3	121.8
15°	0.0	3.3	9.5	16.4	24.9	35.1	47.6	64.1	83.2	105.5	130.5
12.5°	0.0	3.3	9.7	16.6	25.2	35.8	48.6	65.6	86.1	111.5	139.1
10°	0.0	3.3	9.8	16.8	25.5	36.3	49.4	66.8	87.8	114.5	145.7
7.5°	0.0	3.4	9.9	16.9	25.8	36.7	50.1	67.7	89.3	116.6	148.5
5°	0.0	3.4	10.0	17.0	26.0	37.0	50.6	68.4	90.4	118.2	150.6
2.5°	0.0	3.4	10.1	17.1	26.1	37.2	50.9	68.8	91.2	119.4	152.0
0°	0.0	3.4	10.1	17.1	26.1	37.2	50.9	68.8	91.2	119.4	152.0
-2.5°	0.0	3.4	10.1	17.1	26.1	37.2	50.9	68.8	91.2	119.4	152.0
-5°	0.0	3.4	10.0	17.0	26.0	37.0	50.6	68.4	90.4	118.2	150.6
-7.5°	0.0	3.4	9.9	16.9	25.8	36.7	50.1	67.7	89.3	116.6	148.5
-10°	0.0	3.3	9.8	16.8	25.5	36.3	49.4	66.8	87.8	114.5	145.7
-12.5°	0.0	3.3	9.7	16.6	25.2	35.8	48.6	65.6	86.1	111.5	139.1
-15°	0.0	3.3	9.5	16.4	24.9	35.1	47.6	64.1	83.2	105.5	130.5
-17.5°	0.0	3.2	9.4	16.1	24.4	34.4	46.6	61.8	79.1	99.3	121.8
-20°	0.0	3.2	9.2	15.8	23.9	33.6	45.1	58.9	74.9	93.0	113.1



REPORT NUMBER: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.1	8.9	15.4	23.3	32.7	43.2	55.9	70.5	86.7	104.3
-25°	0.0	3.1	8.7	15.1	22.7	31.5	41.2	52.7	66.1	80.5	95.7
-27.5°	0.0	3.0	8.4	14.6	22.0	30.2	39.2	49.6	61.7	74.5	88.0
-30°	0.0	2.9	8.2	14.2	21.2	28.8	37.1	46.3	57.5	69.1	80.7
-32.5°	0.0	2.9	7.8	13.6	20.3	27.3	34.9	43.5	53.5	63.7	73.6
-35°	0.0	2.8	7.5	13.1	19.2	25.8	33.0	40.9	49.6	58.4	66.9
-37.5°	0.0	2.7	7.2	12.5	18.2	24.3	31.1	38.2	45.7	53.3	61.1
-40°	0.0	2.6	6.8	11.9	17.1	22.9	29.1	35.5	41.9	48.7	55.7
-42.5°	0.0	2.5	6.4	11.2	16.1	21.5	27.1	32.8	38.6	44.6	50.4
-45°	0.0	2.4	6.1	10.5	15.1	20.1	25.2	30.2	35.5	40.7	45.5
-47.5°	0.0	2.3	5.6	9.8	14.2	18.7	23.1	27.9	32.4	36.9	41.3
-50°	0.0	2.2	5.2	9.1	13.1	17.2	21.4	25.6	29.5	33.7	37.3
-52.5°	0.0	2.1	4.8	8.4	12.1	15.7	19.6	23.2	26.9	30.5	33.5
-55°	0.0	1.9	4.3	7.7	11.1	14.4	17.8	21.0	24.4	27.5	30.3
-57.5°	0.0	1.8	3.9	7.1	10.0	13.1	16.0	19.0	21.9	24.7	27.1
-60°	0.0	1.7	3.4	6.4	9.0	11.8	14.3	17.0	19.5	22.0	24.1
-62.5°	0.0	1.6	3.1	5.6	8.0	10.5	12.8	15.0	17.3	19.3	21.2
-65°	0.0	1.4	2.9	4.9	7.1	9.1	11.2	13.1	15.2	16.9	18.4
-67.5°	0.0	1.3	2.6	4.2	6.2	7.9	9.7	11.4	13.1	14.7	16.0
-70°	0.0	1.2	2.3	3.5	5.3	6.8	8.2	9.7	11.2	12.5	13.7
-72.5°	0.0	1.0	2.0	3.0	4.3	5.7	6.9	8.0	9.3	10.5	11.4
-75°	0.0	0.9	1.8	2.6	3.4	4.6	5.6	6.6	7.5	8.5	9.3
-77.5°	0.0	0.7	1.5	2.1	2.8	3.5	4.4	5.2	5.9	6.6	7.2
-80°	0.0	0.6	1.2	1.7	2.2	2.7	3.2	3.8	4.4	5.0	5.4
-82.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.3	2.6	2.9	3.3	3.7
-85°	0.0	0.3	0.6	0.9	1.1	1.3	1.6	1.7	1.9	2.1	2.2
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.9	1.0	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-SA1B-AMB-U-NAT-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	1.2	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.6	1.6
85°	2.3	2.4	2.6	2.7	2.9	3.1	3.2	3.3	3.4	3.4	3.5
82.5°	4.0	4.3	4.5	4.7	4.8	5.0	5.1	5.2	5.4	5.6	5.8
80°	5.8	6.2	6.5	6.8	7.1	7.4	7.5	7.7	7.9	8.1	8.3
77.5°	7.9	8.4	8.9	9.2	9.5	9.9	10.1	10.3	10.6	10.9	11.3
75°	10.1	10.7	11.3	11.8	12.2	12.6	12.8	13.0	13.3	13.7	14.0
72.5°	12.3	13.1	13.8	14.4	15.0	15.4	15.7	15.8	16.1	16.5	16.9
70°	14.7	15.6	16.5	17.3	17.8	18.3	18.7	18.9	19.0	19.5	19.9
67.5°	17.1	18.4	19.5	20.3	20.9	21.5	21.9	22.0	22.0	22.5	23.0
65°	19.9	21.3	22.5	23.4	24.1	24.6	25.0	25.2	25.1	25.6	26.1
62.5°	22.7	24.3	25.6	26.6	27.3	27.8	28.3	28.5	28.4	28.7	29.2
60°	25.8	27.3	28.8	29.9	30.6	31.1	31.6	31.9	31.9	31.8	32.3
57.5°	28.9	30.4	32.1	33.4	34.2	34.6	35.3	35.6	35.4	35.0	35.6
55°	32.3	33.7	35.6	37.1	38.1	38.5	39.1	39.4	39.2	38.8	39.0
52.5°	36.1	37.4	39.4	41.1	42.3	42.8	43.0	43.4	43.4	42.9	42.6
50°	40.1	42.0	43.3	45.4	46.8	47.4	47.2	47.7	47.7	47.2	46.4
47.5°	44.8	46.9	47.6	50.0	51.6	52.4	52.3	52.1	52.2	52.0	51.3
45°	49.9	52.6	53.4	54.9	56.8	57.9	57.9	56.7	57.2	57.2	56.6
42.5°	55.3	58.8	60.4	60.0	62.5	63.9	64.0	63.1	62.7	62.9	62.5
40°	61.5	65.6	68.3	67.9	68.5	70.5	71.3	70.8	68.6	69.3	69.2
37.5°	68.0	73.6	77.2	78.0	75.2	77.9	79.4	79.9	78.2	76.4	77.1
35°	74.9	82.2	87.6	89.8	88.1	86.1	89.1	90.3	89.4	86.4	86.1
32.5°	82.6	91.5	99.0	103.3	104.0	99.9	99.8	102.2	102.7	100.9	96.8
30°	91.5	102.2	111.6	118.3	122.0	121.3	114.8	115.5	117.8	118.3	116.1
27.5°	101.3	113.7	125.7	135.5	142.4	145.4	142.6	133.0	135.5	138.2	138.7
25°	111.5	127.0	140.8	154.6	165.6	172.7	174.4	169.8	158.1	161.5	165.3
22.5°	122.5	140.9	158.4	174.9	190.6	203.0	210.6	212.6	207.8	194.1	195.3
20°	134.3	156.2	177.6	198.8	217.7	235.7	249.9	260.3	264.1	260.2	246.8
17.5°	146.2	171.8	198.0	224.6	250.0	272.9	292.5	312.2	325.8	333.5	332.9
15°	158.2	187.7	218.9	251.4	284.1	315.0	343.4	369.8	393.2	413.7	427.1
12.5°	170.0	203.6	239.9	278.7	319.2	358.6	397.4	434.5	468.6	500.9	530.0
10°	181.6	219.4	260.8	306.2	354.9	403.0	452.6	500.9	547.3	592.4	635.4
7.5°	186.2	229.4	278.9	333.5	390.4	447.5	508.2	567.9	626.6	684.7	741.0
5°	188.9	233.0	283.6	341.7	407.5	477.1	554.1	634.1	705.4	776.4	846.0
2.5°	190.7	235.4	287.0	345.5	411.5	482.8	559.8	640.6	724.1	811.4	898.9
0°	191.6	236.7	288.9	347.4	413.3	486.0	562.4	643.7	727.9	817.0	904.6
-2.5°	190.7	235.4	287.0	345.5	411.5	482.8	559.8	640.6	724.1	811.4	898.9
-5°	188.9	233.0	283.6	341.7	407.5	477.1	554.1	634.1	705.4	776.4	846.0
-7.5°	186.2	229.4	278.9	333.5	390.4	447.5	508.2	567.9	626.6	684.7	741.0
-10°	181.6	219.4	260.8	306.2	354.9	403.0	452.6	500.9	547.3	592.4	635.4
-12.5°	170.0	203.6	239.9	278.7	319.2	358.6	397.4	434.5	468.6	500.9	530.0
-15°	158.2	187.7	218.9	251.4	284.1	315.0	343.4	369.8	393.2	413.7	427.1
-17.5°	146.2	171.8	198.0	224.6	250.0	272.9	292.5	312.2	325.8	333.5	332.9
-20°	134.3	156.2	177.6	198.8	217.7	235.7	249.9	260.3	264.1	260.2	246.8



REPORT NUMBER: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	122.5	140.9	158.4	174.9	190.6	203.0	210.6	212.6	207.8	194.1	195.3
-25°	111.5	127.0	140.8	154.6	165.6	172.7	174.4	169.8	158.1	161.5	165.3
-27.5°	101.3	113.7	125.7	135.5	142.4	145.4	142.6	133.0	135.5	138.2	138.7
-30°	91.5	102.2	111.6	118.3	122.0	121.3	114.8	115.5	117.8	118.3	116.1
-32.5°	82.6	91.5	99.0	103.3	104.0	99.9	99.8	102.2	102.7	100.9	96.8
-35°	74.9	82.2	87.6	89.8	88.1	86.1	89.1	90.3	89.4	86.4	86.1
-37.5°	68.0	73.6	77.2	78.0	75.2	77.9	79.4	79.9	78.2	76.4	77.1
-40°	61.5	65.6	68.3	67.9	68.5	70.5	71.3	70.8	68.6	69.3	69.2
-42.5°	55.3	58.8	60.4	60.0	62.5	63.9	64.0	63.1	62.7	62.9	62.5
-45°	49.9	52.6	53.4	54.9	56.8	57.9	57.9	56.7	57.2	57.2	56.6
-47.5°	44.8	46.9	47.6	50.0	51.6	52.4	52.3	52.1	52.2	52.0	51.3
-50°	40.1	42.0	43.3	45.4	46.8	47.4	47.2	47.7	47.7	47.2	46.4
-52.5°	36.1	37.4	39.4	41.1	42.3	42.8	43.0	43.4	43.4	42.9	42.6
-55°	32.3	33.7	35.6	37.1	38.1	38.5	39.1	39.4	39.2	38.8	39.0
-57.5°	28.9	30.4	32.1	33.4	34.2	34.6	35.3	35.6	35.4	35.0	35.6
-60°	25.8	27.3	28.8	29.9	30.6	31.1	31.6	31.9	31.9	31.8	32.3
-62.5°	22.7	24.3	25.6	26.6	27.3	27.8	28.3	28.5	28.4	28.7	29.2
-65°	19.9	21.3	22.5	23.4	24.1	24.6	25.0	25.2	25.1	25.6	26.1
-67.5°	17.1	18.4	19.5	20.3	20.9	21.5	21.9	22.0	22.0	22.5	23.0
-70°	14.7	15.6	16.5	17.3	17.8	18.3	18.7	18.9	19.0	19.5	19.9
-72.5°	12.3	13.1	13.8	14.4	15.0	15.4	15.7	15.8	16.1	16.5	16.9
-75°	10.1	10.7	11.3	11.8	12.2	12.6	12.8	13.0	13.3	13.7	14.0
-77.5°	7.9	8.4	8.9	9.2	9.5	9.9	10.1	10.3	10.6	10.9	11.3
-80°	5.8	6.2	6.5	6.8	7.1	7.4	7.5	7.7	7.9	8.1	8.3
-82.5°	4.0	4.3	4.5	4.7	4.8	5.0	5.1	5.2	5.4	5.6	5.8
-85°	2.3	2.4	2.6	2.7	2.9	3.1	3.2	3.3	3.4	3.4	3.5
-87.5°	1.2	1.2	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.6	1.6
-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: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-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°	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5
82.5°	5.9	6.0	6.2	6.4	6.5	6.6	6.5	6.5	6.4	6.5	6.6
80°	8.5	8.8	9.0	9.2	9.3	9.3	9.4	9.3	9.3	9.3	9.3
77.5°	11.5	11.7	11.9	12.1	12.2	12.4	12.5	12.7	12.8	12.9	12.9
75°	14.3	14.5	14.8	15.1	15.4	15.7	16.0	16.2	16.3	16.5	16.6
72.5°	17.1	17.4	17.9	18.3	18.7	19.0	19.4	19.7	20.0	20.2	20.3
70°	20.1	20.5	21.0	21.4	21.8	22.3	22.7	23.2	23.6	23.8	24.0
67.5°	23.3	23.5	24.1	24.7	25.2	25.6	26.2	26.7	27.1	27.4	27.6
65°	26.4	26.5	27.2	27.8	28.4	29.0	29.5	30.0	30.5	30.8	31.0
62.5°	29.4	29.6	30.2	30.9	31.5	32.0	32.6	33.1	33.6	34.0	34.3
60°	32.6	32.8	33.2	33.8	34.4	34.8	35.4	35.9	36.4	36.8	37.1
57.5°	35.9	36.0	36.1	36.8	37.2	37.5	38.0	38.7	39.2	39.6	39.9
55°	39.3	39.4	39.3	39.8	40.3	40.7	41.1	41.6	42.0	42.2	42.5
52.5°	43.0	43.0	42.7	42.8	43.4	43.7	43.8	44.4	44.8	45.0	45.3
50°	46.8	46.8	46.4	46.0	46.6	46.9	47.0	47.4	47.7	47.8	47.9
47.5°	50.9	50.9	50.6	49.8	50.2	50.6	50.5	50.5	50.9	51.1	51.2
45°	55.5	55.7	55.4	54.7	54.5	54.8	54.6	54.4	54.9	55.0	54.9
42.5°	61.4	60.9	60.8	60.3	59.4	59.7	59.6	59.0	59.4	59.4	59.2
40°	68.5	66.7	67.1	66.7	65.7	65.3	65.5	64.9	64.9	65.1	64.8
37.5°	76.7	75.2	74.6	74.6	73.7	72.4	73.0	72.7	72.1	72.4	71.9
35°	86.6	86.1	83.8	84.2	83.8	82.5	82.5	82.5	80.9	81.5	81.2
32.5°	98.7	99.0	97.5	96.1	96.7	96.1	94.2	95.2	94.1	93.9	94.0
30°	112.4	114.1	114.7	112.8	112.7	113.0	111.6	112.0	112.0	110.9	111.7
27.5°	135.5	132.6	135.2	135.6	132.6	133.7	135.1	133.1	135.3	133.3	135.0
25°	165.4	161.8	159.9	163.8	163.5	161.8	165.5	164.5	165.8	165.6	166.1
22.5°	201.2	202.8	198.9	198.0	204.3	204.8	203.6	207.9	205.7	209.6	208.3
20°	241.6	249.6	254.3	253.2	253.2	259.4	260.3	263.9	266.1	268.2	269.4
17.5°	322.0	305.0	318.3	326.3	326.7	326.5	336.1	337.5	342.6	345.4	348.9
15°	431.9	426.1	408.6	410.2	424.0	428.1	421.2	433.5	436.2	442.5	442.4
12.5°	551.9	564.4	566.1	555.4	532.9	553.0	561.5	549.9	560.8	556.8	563.1
10°	675.5	711.6	734.8	746.7	747.1	736.7	725.0	740.8	734.7	736.5	726.3
7.5°	794.6	845.3	892.5	936.4	969.6	984.0	989.3	987.5	988.5	994.3	984.6
5°	912.9	976.7	1036.2	1092.8	1145.2	1195.2	1243.0	1282.3	1294.8	1306.6	1321.1
2.5°	986.3	1073.5	1157.7	1240.3	1309.4	1369.3	1425.8	1477.2	1523.2	1569.8	1613.5
0°	992.2	1082.4	1172.2	1262.8	1351.1	1430.9	1502.8	1568.8	1633.2	1684.3	1723.1
-2.5°	986.3	1073.5	1157.7	1240.3	1309.4	1369.3	1425.8	1477.2	1523.2	1569.8	1613.5
-5°	912.9	976.7	1036.2	1092.8	1145.2	1195.2	1243.0	1282.3	1294.8	1306.6	1321.1
-7.5°	794.6	845.3	892.5	936.4	969.6	984.0	989.3	987.5	988.5	994.3	984.6
-10°	675.5	711.6	734.8	746.7	747.1	736.7	725.0	740.8	734.7	736.5	726.3
-12.5°	551.9	564.4	566.1	555.4	532.9	553.0	561.5	549.9	560.8	556.8	563.1
-15°	431.9	426.1	408.6	410.2	424.0	428.1	421.2	433.5	436.2	442.5	442.4
-17.5°	322.0	305.0	318.3	326.3	326.7	326.5	336.1	337.5	342.6	345.4	348.9
-20°	241.6	249.6	254.3	253.2	253.2	259.4	260.3	263.9	266.1	268.2	269.4



REPORT NUMBER: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	201.2	202.8	198.9	198.0	204.3	204.8	203.6	207.9	205.7	209.6	208.3
-25°	165.4	161.8	159.9	163.8	163.5	161.8	165.5	164.5	165.8	165.6	166.1
-27.5°	135.5	132.6	135.2	135.6	132.6	133.7	135.1	133.1	135.3	133.3	135.0
-30°	112.4	114.1	114.7	112.8	112.7	113.0	111.6	112.0	112.0	110.9	111.7
-32.5°	98.7	99.0	97.5	96.1	96.7	96.1	94.2	95.2	94.1	93.9	94.0
-35°	86.6	86.1	83.8	84.2	83.8	82.5	82.5	82.5	80.9	81.5	81.2
-37.5°	76.7	75.2	74.6	74.6	73.7	72.4	73.0	72.7	72.1	72.4	71.9
-40°	68.5	66.7	67.1	66.7	65.7	65.3	65.5	64.9	64.9	65.1	64.8
-42.5°	61.4	60.9	60.8	60.3	59.4	59.7	59.6	59.0	59.4	59.4	59.2
-45°	55.5	55.7	55.4	54.7	54.5	54.8	54.6	54.4	54.9	55.0	54.9
-47.5°	50.9	50.9	50.6	49.8	50.2	50.6	50.5	50.5	50.9	51.1	51.2
-50°	46.8	46.8	46.4	46.0	46.6	46.9	47.0	47.4	47.7	47.8	47.9
-52.5°	43.0	43.0	42.7	42.8	43.4	43.7	43.8	44.4	44.8	45.0	45.3
-55°	39.3	39.4	39.3	39.8	40.3	40.7	41.1	41.6	42.0	42.2	42.5
-57.5°	35.9	36.0	36.1	36.8	37.2	37.5	38.0	38.7	39.2	39.6	39.9
-60°	32.6	32.8	33.2	33.8	34.4	34.8	35.4	35.9	36.4	36.8	37.1
-62.5°	29.4	29.6	30.2	30.9	31.5	32.0	32.6	33.1	33.6	34.0	34.3
-65°	26.4	26.5	27.2	27.8	28.4	29.0	29.5	30.0	30.5	30.8	31.0
-67.5°	23.3	23.5	24.1	24.7	25.2	25.6	26.2	26.7	27.1	27.4	27.6
-70°	20.1	20.5	21.0	21.4	21.8	22.3	22.7	23.2	23.6	23.8	24.0
-72.5°	17.1	17.4	17.9	18.3	18.7	19.0	19.4	19.7	20.0	20.2	20.3
-75°	14.3	14.5	14.8	15.1	15.4	15.7	16.0	16.2	16.3	16.5	16.6
-77.5°	11.5	11.7	11.9	12.1	12.2	12.4	12.5	12.7	12.8	12.9	12.9
-80°	8.5	8.8	9.0	9.2	9.3	9.3	9.4	9.3	9.3	9.3	9.3
-82.5°	5.9	6.0	6.2	6.4	6.5	6.6	6.5	6.5	6.4	6.5	6.6
-85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5
-87.5°	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	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



REPORT NUMBER: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-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°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.4	1.4
85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.6	3.6
82.5°	6.6	6.7	6.5	6.3	6.5	6.7	6.6	6.6	6.5	6.4	6.5
80°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
77.5°	12.9	12.9	12.8	12.7	12.8	12.9	12.9	12.9	12.9	12.8	12.7
75°	16.7	16.7	16.6	16.4	16.6	16.7	16.7	16.6	16.5	16.3	16.2
72.5°	20.4	20.4	20.5	20.5	20.5	20.4	20.4	20.3	20.2	20.0	19.7
70°	24.1	24.1	24.2	24.2	24.2	24.1	24.1	24.0	23.8	23.6	23.2
67.5°	27.8	27.9	28.0	28.0	28.0	27.9	27.8	27.6	27.4	27.1	26.7
65°	31.1	31.2	31.3	31.3	31.3	31.2	31.1	31.0	30.8	30.5	30.0
62.5°	34.5	34.6	34.5	34.3	34.5	34.6	34.5	34.3	34.0	33.6	33.1
60°	37.3	37.5	37.4	37.3	37.4	37.5	37.3	37.1	36.8	36.4	35.9
57.5°	40.1	40.2	40.3	40.3	40.3	40.2	40.1	39.9	39.6	39.2	38.7
55°	42.7	42.8	42.7	42.5	42.7	42.8	42.7	42.5	42.2	42.0	41.6
52.5°	45.4	45.4	45.3	45.1	45.3	45.4	45.4	45.3	45.0	44.8	44.4
50°	48.0	48.0	48.0	48.1	48.0	48.0	48.0	47.9	47.8	47.7	47.4
47.5°	51.3	51.1	51.0	51.1	51.0	51.1	51.3	51.2	51.1	50.9	50.5
45°	54.9	54.8	54.6	54.4	54.6	54.8	54.9	54.9	55.0	54.9	54.4
42.5°	59.3	59.0	58.7	58.5	58.7	59.0	59.3	59.2	59.4	59.4	59.0
40°	64.7	64.4	64.0	64.1	64.0	64.4	64.7	64.8	65.1	64.9	64.9
37.5°	71.7	71.4	70.9	70.8	70.9	71.4	71.7	71.9	72.4	72.1	72.7
35°	80.7	80.5	79.7	79.4	79.7	80.5	80.7	81.2	81.5	80.9	82.5
32.5°	93.2	93.4	92.6	91.7	92.6	93.4	93.2	94.0	93.9	94.1	95.2
30°	110.5	111.1	110.0	109.6	110.0	111.1	110.5	111.7	110.9	112.0	112.0
27.5°	134.3	134.8	133.9	133.8	133.9	134.8	134.3	135.0	133.3	135.3	133.1
25°	166.7	166.6	165.6	164.7	165.6	166.6	166.7	166.1	165.6	165.8	164.5
22.5°	211.7	210.9	210.5	210.6	210.5	210.9	211.7	208.3	209.6	205.7	207.9
20°	272.9	271.6	272.8	270.2	272.8	271.6	272.9	269.4	268.2	266.1	263.9
17.5°	351.3	352.8	355.7	350.0	355.7	352.8	351.3	348.9	345.4	342.6	337.5
15°	446.9	448.7	448.9	441.7	448.9	448.7	446.9	442.4	442.5	436.2	433.5
12.5°	562.1	563.7	562.0	563.2	562.0	563.7	562.1	563.1	556.8	560.8	549.9
10°	722.1	728.2	719.0	720.8	719.0	728.2	722.1	726.3	736.5	734.7	740.8
7.5°	979.0	976.9	976.9	978.0	976.9	976.9	979.0	984.6	994.3	988.5	987.5
5°	1324.2	1321.5	1324.8	1333.9	1324.8	1321.5	1324.2	1321.1	1306.6	1294.8	1282.3
2.5°	1633.4	1649.9	1647.3	1660.4	1647.3	1649.9	1633.4	1613.5	1569.8	1523.2	1477.2
0°	1752.1	1774.9	1791.6	1788.3	1791.6	1774.9	1752.1	1723.1	1684.3	1633.2	1568.8
-2.5°	1633.4	1649.9	1647.3	1660.4	1647.3	1649.9	1633.4	1613.5	1569.8	1523.2	1477.2
-5°	1324.2	1321.5	1324.8	1333.9	1324.8	1321.5	1324.2	1321.1	1306.6	1294.8	1282.3
-7.5°	979.0	976.9	976.9	978.0	976.9	976.9	979.0	984.6	994.3	988.5	987.5
-10°	722.1	728.2	719.0	720.8	719.0	728.2	722.1	726.3	736.5	734.7	740.8
-12.5°	562.1	563.7	562.0	563.2	562.0	563.7	562.1	563.1	556.8	560.8	549.9
-15°	446.9	448.7	448.9	441.7	448.9	448.7	446.9	442.4	442.5	436.2	433.5
-17.5°	351.3	352.8	355.7	350.0	355.7	352.8	351.3	348.9	345.4	342.6	337.5
-20°	272.9	271.6	272.8	270.2	272.8	271.6	272.9	269.4	268.2	266.1	263.9



REPORT NUMBER: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	211.7	210.9	210.5	210.6	210.5	210.9	211.7	208.3	209.6	205.7	207.9
-25°	166.7	166.6	165.6	164.7	165.6	166.6	166.7	166.1	165.6	165.8	164.5
-27.5°	134.3	134.8	133.9	133.8	133.9	134.8	134.3	135.0	133.3	135.3	133.1
-30°	110.5	111.1	110.0	109.6	110.0	111.1	110.5	111.7	110.9	112.0	112.0
-32.5°	93.2	93.4	92.6	91.7	92.6	93.4	93.2	94.0	93.9	94.1	95.2
-35°	80.7	80.5	79.7	79.4	79.7	80.5	80.7	81.2	81.5	80.9	82.5
-37.5°	71.7	71.4	70.9	70.8	70.9	71.4	71.7	71.9	72.4	72.1	72.7
-40°	64.7	64.4	64.0	64.1	64.0	64.4	64.7	64.8	65.1	64.9	64.9
-42.5°	59.3	59.0	58.7	58.5	58.7	59.0	59.3	59.2	59.4	59.4	59.0
-45°	54.9	54.8	54.6	54.4	54.6	54.8	54.9	54.9	55.0	54.9	54.4
-47.5°	51.3	51.1	51.0	51.1	51.0	51.1	51.3	51.2	51.1	50.9	50.5
-50°	48.0	48.0	48.0	48.1	48.0	48.0	48.0	47.9	47.8	47.7	47.4
-52.5°	45.4	45.4	45.3	45.1	45.3	45.4	45.4	45.3	45.0	44.8	44.4
-55°	42.7	42.8	42.7	42.5	42.7	42.8	42.7	42.5	42.2	42.0	41.6
-57.5°	40.1	40.2	40.3	40.3	40.3	40.2	40.1	39.9	39.6	39.2	38.7
-60°	37.3	37.5	37.4	37.3	37.4	37.5	37.3	37.1	36.8	36.4	35.9
-62.5°	34.5	34.6	34.5	34.3	34.5	34.6	34.5	34.3	34.0	33.6	33.1
-65°	31.1	31.2	31.3	31.3	31.3	31.2	31.1	31.0	30.8	30.5	30.0
-67.5°	27.8	27.9	28.0	28.0	28.0	27.9	27.8	27.6	27.4	27.1	26.7
-70°	24.1	24.1	24.2	24.2	24.2	24.1	24.1	24.0	23.8	23.6	23.2
-72.5°	20.4	20.4	20.5	20.5	20.5	20.4	20.4	20.3	20.2	20.0	19.7
-75°	16.7	16.7	16.6	16.4	16.6	16.7	16.7	16.6	16.5	16.3	16.2
-77.5°	12.9	12.9	12.8	12.7	12.8	12.9	12.9	12.9	12.9	12.8	12.7
-80°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
-82.5°	6.6	6.7	6.5	6.3	6.5	6.7	6.6	6.6	6.5	6.4	6.5
-85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.6	3.6
-87.5°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.4	1.4
-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: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-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°	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.4	3.3
82.5°	6.5	6.6	6.5	6.4	6.2	6.0	5.9	5.8	5.6	5.4	5.2
80°	9.4	9.3	9.3	9.2	9.0	8.8	8.5	8.3	8.1	7.9	7.7
77.5°	12.5	12.4	12.2	12.1	11.9	11.7	11.5	11.3	10.9	10.6	10.3
75°	16.0	15.7	15.4	15.1	14.8	14.5	14.3	14.0	13.7	13.3	13.0
72.5°	19.4	19.0	18.7	18.3	17.9	17.4	17.1	16.9	16.5	16.1	15.8
70°	22.7	22.3	21.8	21.4	21.0	20.5	20.1	19.9	19.5	19.0	18.9
67.5°	26.2	25.6	25.2	24.7	24.1	23.5	23.3	23.0	22.5	22.0	22.0
65°	29.5	29.0	28.4	27.8	27.2	26.5	26.4	26.1	25.6	25.1	25.2
62.5°	32.6	32.0	31.5	30.9	30.2	29.6	29.4	29.2	28.7	28.4	28.5
60°	35.4	34.8	34.4	33.8	33.2	32.8	32.6	32.3	31.8	31.9	31.9
57.5°	38.0	37.5	37.2	36.8	36.1	36.0	35.9	35.6	35.0	35.4	35.6
55°	41.1	40.7	40.3	39.8	39.3	39.4	39.3	39.0	38.8	39.2	39.4
52.5°	43.8	43.7	43.4	42.8	42.7	43.0	43.0	42.6	42.9	43.4	43.4
50°	47.0	46.9	46.6	46.0	46.4	46.8	46.8	46.4	47.2	47.7	47.7
47.5°	50.5	50.6	50.2	49.8	50.6	50.9	50.9	51.3	52.0	52.2	52.1
45°	54.6	54.8	54.5	54.7	55.4	55.7	55.5	56.6	57.2	57.2	56.7
42.5°	59.6	59.7	59.4	60.3	60.8	60.9	61.4	62.5	62.9	62.7	63.1
40°	65.5	65.3	65.7	66.7	67.1	66.7	68.5	69.2	69.3	68.6	70.8
37.5°	73.0	72.4	73.7	74.6	74.6	75.2	76.7	77.1	76.4	78.2	79.9
35°	82.5	82.5	83.8	84.2	83.8	86.1	86.6	86.1	86.4	89.4	90.3
32.5°	94.2	96.1	96.7	96.1	97.5	99.0	98.7	96.8	100.9	102.7	102.2
30°	111.6	113.0	112.7	112.8	114.7	114.1	112.4	116.1	118.3	117.8	115.5
27.5°	135.1	133.7	132.6	135.6	135.2	132.6	135.5	138.7	138.2	135.5	133.0
25°	165.5	161.8	163.5	163.8	159.9	161.8	165.4	165.3	161.5	158.1	169.8
22.5°	203.6	204.8	204.3	198.0	198.9	202.8	201.2	195.3	194.1	207.8	212.6
20°	260.3	259.4	253.2	253.2	254.3	249.6	241.6	246.8	260.2	264.1	260.3
17.5°	336.1	326.5	326.7	326.3	318.3	305.0	322.0	332.9	333.5	325.8	312.2
15°	421.2	428.1	424.0	410.2	408.6	426.1	431.9	427.1	413.7	393.2	369.8
12.5°	561.5	553.0	532.9	555.4	566.1	564.4	551.9	530.0	500.9	468.6	434.5
10°	725.0	736.7	747.1	746.7	734.8	711.6	675.5	635.4	592.4	547.3	500.9
7.5°	989.3	984.0	969.6	936.4	892.5	845.3	794.6	741.0	684.7	626.6	567.9
5°	1243.0	1195.2	1145.2	1092.8	1036.2	976.7	912.9	846.0	776.4	705.4	634.1
2.5°	1425.8	1369.3	1309.4	1240.3	1157.7	1073.5	986.3	898.9	811.4	724.1	640.6
0°	1502.8	1430.9	1351.1	1262.8	1172.2	1082.4	992.2	904.6	817.0	727.9	643.7
-2.5°	1425.8	1369.3	1309.4	1240.3	1157.7	1073.5	986.3	898.9	811.4	724.1	640.6
-5°	1243.0	1195.2	1145.2	1092.8	1036.2	976.7	912.9	846.0	776.4	705.4	634.1
-7.5°	989.3	984.0	969.6	936.4	892.5	845.3	794.6	741.0	684.7	626.6	567.9
-10°	725.0	736.7	747.1	746.7	734.8	711.6	675.5	635.4	592.4	547.3	500.9
-12.5°	561.5	553.0	532.9	555.4	566.1	564.4	551.9	530.0	500.9	468.6	434.5
-15°	421.2	428.1	424.0	410.2	408.6	426.1	431.9	427.1	413.7	393.2	369.8
-17.5°	336.1	326.5	326.7	326.3	318.3	305.0	322.0	332.9	333.5	325.8	312.2
-20°	260.3	259.4	253.2	253.2	254.3	249.6	241.6	246.8	260.2	264.1	260.3



REPORT NUMBER: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	203.6	204.8	204.3	198.0	198.9	202.8	201.2	195.3	194.1	207.8	212.6
-25°	165.5	161.8	163.5	163.8	159.9	161.8	165.4	165.3	161.5	158.1	169.8
-27.5°	135.1	133.7	132.6	135.6	135.2	132.6	135.5	138.7	138.2	135.5	133.0
-30°	111.6	113.0	112.7	112.8	114.7	114.1	112.4	116.1	118.3	117.8	115.5
-32.5°	94.2	96.1	96.7	96.1	97.5	99.0	98.7	96.8	100.9	102.7	102.2
-35°	82.5	82.5	83.8	84.2	83.8	86.1	86.6	86.1	86.4	89.4	90.3
-37.5°	73.0	72.4	73.7	74.6	74.6	75.2	76.7	77.1	76.4	78.2	79.9
-40°	65.5	65.3	65.7	66.7	67.1	66.7	68.5	69.2	69.3	68.6	70.8
-42.5°	59.6	59.7	59.4	60.3	60.8	60.9	61.4	62.5	62.9	62.7	63.1
-45°	54.6	54.8	54.5	54.7	55.4	55.7	55.5	56.6	57.2	57.2	56.7
-47.5°	50.5	50.6	50.2	49.8	50.6	50.9	50.9	51.3	52.0	52.2	52.1
-50°	47.0	46.9	46.6	46.0	46.4	46.8	46.8	46.4	47.2	47.7	47.7
-52.5°	43.8	43.7	43.4	42.8	42.7	43.0	43.0	42.6	42.9	43.4	43.4
-55°	41.1	40.7	40.3	39.8	39.3	39.4	39.3	39.0	38.8	39.2	39.4
-57.5°	38.0	37.5	37.2	36.8	36.1	36.0	35.9	35.6	35.0	35.4	35.6
-60°	35.4	34.8	34.4	33.8	33.2	32.8	32.6	32.3	31.8	31.9	31.9
-62.5°	32.6	32.0	31.5	30.9	30.2	29.6	29.4	29.2	28.7	28.4	28.5
-65°	29.5	29.0	28.4	27.8	27.2	26.5	26.4	26.1	25.6	25.1	25.2
-67.5°	26.2	25.6	25.2	24.7	24.1	23.5	23.3	23.0	22.5	22.0	22.0
-70°	22.7	22.3	21.8	21.4	21.0	20.5	20.1	19.9	19.5	19.0	18.9
-72.5°	19.4	19.0	18.7	18.3	17.9	17.4	17.1	16.9	16.5	16.1	15.8
-75°	16.0	15.7	15.4	15.1	14.8	14.5	14.3	14.0	13.7	13.3	13.0
-77.5°	12.5	12.4	12.2	12.1	11.9	11.7	11.5	11.3	10.9	10.6	10.3
-80°	9.4	9.3	9.3	9.2	9.0	8.8	8.5	8.3	8.1	7.9	7.7
-82.5°	6.5	6.6	6.5	6.4	6.2	6.0	5.9	5.8	5.6	5.4	5.2
-85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.4	3.3
-87.5°	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6
-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: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-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°	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.0	1.0	0.9
85°	3.2	3.1	2.9	2.7	2.6	2.4	2.3	2.2	2.1	1.9	1.7
82.5°	5.1	5.0	4.8	4.7	4.5	4.3	4.0	3.7	3.3	2.9	2.6
80°	7.5	7.4	7.1	6.8	6.5	6.2	5.8	5.4	5.0	4.4	3.8
77.5°	10.1	9.9	9.5	9.2	8.9	8.4	7.9	7.2	6.6	5.9	5.2
75°	12.8	12.6	12.2	11.8	11.3	10.7	10.1	9.3	8.5	7.5	6.6
72.5°	15.7	15.4	15.0	14.4	13.8	13.1	12.3	11.4	10.5	9.3	8.0
70°	18.7	18.3	17.8	17.3	16.5	15.6	14.7	13.7	12.5	11.2	9.7
67.5°	21.9	21.5	20.9	20.3	19.5	18.4	17.1	16.0	14.7	13.1	11.4
65°	25.0	24.6	24.1	23.4	22.5	21.3	19.9	18.4	16.9	15.2	13.1
62.5°	28.3	27.8	27.3	26.6	25.6	24.3	22.7	21.2	19.3	17.3	15.0
60°	31.6	31.1	30.6	29.9	28.8	27.3	25.8	24.1	22.0	19.5	17.0
57.5°	35.3	34.6	34.2	33.4	32.1	30.4	28.9	27.1	24.7	21.9	19.0
55°	39.1	38.5	38.1	37.1	35.6	33.7	32.3	30.3	27.5	24.4	21.0
52.5°	43.0	42.8	42.3	41.1	39.4	37.4	36.1	33.5	30.5	26.9	23.2
50°	47.2	47.4	46.8	45.4	43.3	42.0	40.1	37.3	33.7	29.5	25.6
47.5°	52.3	52.4	51.6	50.0	47.6	46.9	44.8	41.3	36.9	32.4	27.9
45°	57.9	57.9	56.8	54.9	53.4	52.6	49.9	45.5	40.7	35.5	30.2
42.5°	64.0	63.9	62.5	60.0	60.4	58.8	55.3	50.4	44.6	38.6	32.8
40°	71.3	70.5	68.5	67.9	68.3	65.6	61.5	55.7	48.7	41.9	35.5
37.5°	79.4	77.9	75.2	78.0	77.2	73.6	68.0	61.1	53.3	45.7	38.2
35°	89.1	86.1	88.1	89.8	87.6	82.2	74.9	66.9	58.4	49.6	40.9
32.5°	99.8	99.9	104.0	103.3	99.0	91.5	82.6	73.6	63.7	53.5	43.5
30°	114.8	121.3	122.0	118.3	111.6	102.2	91.5	80.7	69.1	57.5	46.3
27.5°	142.6	145.4	142.4	135.5	125.7	113.7	101.3	88.0	74.5	61.7	49.6
25°	174.4	172.7	165.6	154.6	140.8	127.0	111.5	95.7	80.5	66.1	52.7
22.5°	210.6	203.0	190.6	174.9	158.4	140.9	122.5	104.3	86.7	70.5	55.9
20°	249.9	235.7	217.7	198.8	177.6	156.2	134.3	113.1	93.0	74.9	58.9
17.5°	292.5	272.9	250.0	224.6	198.0	171.8	146.2	121.8	99.3	79.1	61.8
15°	343.4	315.0	284.1	251.4	218.9	187.7	158.2	130.5	105.5	83.2	64.1
12.5°	397.4	358.6	319.2	278.7	239.9	203.6	170.0	139.1	111.5	86.1	65.6
10°	452.6	403.0	354.9	306.2	260.8	219.4	181.6	145.7	114.5	87.8	66.8
7.5°	508.2	447.5	390.4	333.5	278.9	229.4	186.2	148.5	116.6	89.3	67.7
5°	554.1	477.1	407.5	341.7	283.6	233.0	188.9	150.6	118.2	90.4	68.4
2.5°	559.8	482.8	411.5	345.5	287.0	235.4	190.7	152.0	119.4	91.2	68.8
0°	562.4	486.0	413.3	347.4	288.9	236.7	191.6	152.8	120.0	91.7	69.0
-2.5°	559.8	482.8	411.5	345.5	287.0	235.4	190.7	152.0	119.4	91.2	68.8
-5°	554.1	477.1	407.5	341.7	283.6	233.0	188.9	150.6	118.2	90.4	68.4
-7.5°	508.2	447.5	390.4	333.5	278.9	229.4	186.2	148.5	116.6	89.3	67.7
-10°	452.6	403.0	354.9	306.2	260.8	219.4	181.6	145.7	114.5	87.8	66.8
-12.5°	397.4	358.6	319.2	278.7	239.9	203.6	170.0	139.1	111.5	86.1	65.6
-15°	343.4	315.0	284.1	251.4	218.9	187.7	158.2	130.5	105.5	83.2	64.1
-17.5°	292.5	272.9	250.0	224.6	198.0	171.8	146.2	121.8	99.3	79.1	61.8
-20°	249.9	235.7	217.7	198.8	177.6	156.2	134.3	113.1	93.0	74.9	58.9



REPORT NUMBER: P561366 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	210.6	203.0	190.6	174.9	158.4	140.9	122.5	104.3	86.7	70.5	55.9
-25°	174.4	172.7	165.6	154.6	140.8	127.0	111.5	95.7	80.5	66.1	52.7
-27.5°	142.6	145.4	142.4	135.5	125.7	113.7	101.3	88.0	74.5	61.7	49.6
-30°	114.8	121.3	122.0	118.3	111.6	102.2	91.5	80.7	69.1	57.5	46.3
-32.5°	99.8	99.9	104.0	103.3	99.0	91.5	82.6	73.6	63.7	53.5	43.5
-35°	89.1	86.1	88.1	89.8	87.6	82.2	74.9	66.9	58.4	49.6	40.9
-37.5°	79.4	77.9	75.2	78.0	77.2	73.6	68.0	61.1	53.3	45.7	38.2
-40°	71.3	70.5	68.5	67.9	68.3	65.6	61.5	55.7	48.7	41.9	35.5
-42.5°	64.0	63.9	62.5	60.0	60.4	58.8	55.3	50.4	44.6	38.6	32.8
-45°	57.9	57.9	56.8	54.9	53.4	52.6	49.9	45.5	40.7	35.5	30.2
-47.5°	52.3	52.4	51.6	50.0	47.6	46.9	44.8	41.3	36.9	32.4	27.9
-50°	47.2	47.4	46.8	45.4	43.3	42.0	40.1	37.3	33.7	29.5	25.6
-52.5°	43.0	42.8	42.3	41.1	39.4	37.4	36.1	33.5	30.5	26.9	23.2
-55°	39.1	38.5	38.1	37.1	35.6	33.7	32.3	30.3	27.5	24.4	21.0
-57.5°	35.3	34.6	34.2	33.4	32.1	30.4	28.9	27.1	24.7	21.9	19.0
-60°	31.6	31.1	30.6	29.9	28.8	27.3	25.8	24.1	22.0	19.5	17.0
-62.5°	28.3	27.8	27.3	26.6	25.6	24.3	22.7	21.2	19.3	17.3	15.0
-65°	25.0	24.6	24.1	23.4	22.5	21.3	19.9	18.4	16.9	15.2	13.1
-67.5°	21.9	21.5	20.9	20.3	19.5	18.4	17.1	16.0	14.7	13.1	11.4
-70°	18.7	18.3	17.8	17.3	16.5	15.6	14.7	13.7	12.5	11.2	9.7
-72.5°	15.7	15.4	15.0	14.4	13.8	13.1	12.3	11.4	10.5	9.3	8.0
-75°	12.8	12.6	12.2	11.8	11.3	10.7	10.1	9.3	8.5	7.5	6.6
-77.5°	10.1	9.9	9.5	9.2	8.9	8.4	7.9	7.2	6.6	5.9	5.2
-80°	7.5	7.4	7.1	6.8	6.5	6.2	5.8	5.4	5.0	4.4	3.8
-82.5°	5.1	5.0	4.8	4.7	4.5	4.3	4.0	3.7	3.3	2.9	2.6
-85°	3.2	3.1	2.9	2.7	2.6	2.4	2.3	2.2	2.1	1.9	1.7
-87.5°	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.0	1.0	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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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°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.1	0.9	0.6	0.3	0.0
82.5°	2.3	2.0	1.7	1.3	0.9	0.4	0.0
80°	3.2	2.7	2.2	1.7	1.2	0.6	0.0
77.5°	4.4	3.5	2.8	2.1	1.5	0.7	0.0
75°	5.6	4.6	3.4	2.6	1.8	0.9	0.0
72.5°	6.9	5.7	4.3	3.0	2.0	1.0	0.0
70°	8.2	6.8	5.3	3.5	2.3	1.2	0.0
67.5°	9.7	7.9	6.2	4.2	2.6	1.3	0.0
65°	11.2	9.1	7.1	4.9	2.9	1.4	0.0
62.5°	12.8	10.5	8.0	5.6	3.1	1.6	0.0
60°	14.3	11.8	9.0	6.4	3.4	1.7	0.0
57.5°	16.0	13.1	10.0	7.1	3.9	1.8	0.0
55°	17.8	14.4	11.1	7.7	4.3	1.9	0.0
52.5°	19.6	15.7	12.1	8.4	4.8	2.1	0.0
50°	21.4	17.2	13.1	9.1	5.2	2.2	0.0
47.5°	23.1	18.7	14.2	9.8	5.6	2.3	0.0
45°	25.2	20.1	15.1	10.5	6.1	2.4	0.0
42.5°	27.1	21.5	16.1	11.2	6.4	2.5	0.0
40°	29.1	22.9	17.1	11.9	6.8	2.6	0.0
37.5°	31.1	24.3	18.2	12.5	7.2	2.7	0.0
35°	33.0	25.8	19.2	13.1	7.5	2.8	0.0
32.5°	34.9	27.3	20.3	13.6	7.8	2.9	0.0
30°	37.1	28.8	21.2	14.2	8.2	2.9	0.0
27.5°	39.2	30.2	22.0	14.6	8.4	3.0	0.0
25°	41.2	31.5	22.7	15.1	8.7	3.1	0.0
22.5°	43.2	32.7	23.3	15.4	8.9	3.1	0.0
20°	45.1	33.6	23.9	15.8	9.2	3.2	0.0
17.5°	46.6	34.4	24.4	16.1	9.4	3.2	0.0
15°	47.6	35.1	24.9	16.4	9.5	3.3	0.0
12.5°	48.6	35.8	25.2	16.6	9.7	3.3	0.0
10°	49.4	36.3	25.5	16.8	9.8	3.3	0.0
7.5°	50.1	36.7	25.8	16.9	9.9	3.4	0.0
5°	50.6	37.0	26.0	17.0	10.0	3.4	0.0
2.5°	50.9	37.2	26.1	17.1	10.1	3.4	0.0
0°	51.1	37.3	26.1	17.1	10.1	3.4	0.0
-2.5°	50.9	37.2	26.1	17.1	10.1	3.4	0.0
-5°	50.6	37.0	26.0	17.0	10.0	3.4	0.0
-7.5°	50.1	36.7	25.8	16.9	9.9	3.4	0.0
-10°	49.4	36.3	25.5	16.8	9.8	3.3	0.0
-12.5°	48.6	35.8	25.2	16.6	9.7	3.3	0.0
-15°	47.6	35.1	24.9	16.4	9.5	3.3	0.0
-17.5°	46.6	34.4	24.4	16.1	9.4	3.2	0.0
-20°	45.1	33.6	23.9	15.8	9.2	3.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	43.2	32.7	23.3	15.4	8.9	3.1	0.0
-25°	41.2	31.5	22.7	15.1	8.7	3.1	0.0
-27.5°	39.2	30.2	22.0	14.6	8.4	3.0	0.0
-30°	37.1	28.8	21.2	14.2	8.2	2.9	0.0
-32.5°	34.9	27.3	20.3	13.6	7.8	2.9	0.0
-35°	33.0	25.8	19.2	13.1	7.5	2.8	0.0
-37.5°	31.1	24.3	18.2	12.5	7.2	2.7	0.0
-40°	29.1	22.9	17.1	11.9	6.8	2.6	0.0
-42.5°	27.1	21.5	16.1	11.2	6.4	2.5	0.0
-45°	25.2	20.1	15.1	10.5	6.1	2.4	0.0
-47.5°	23.1	18.7	14.2	9.8	5.6	2.3	0.0
-50°	21.4	17.2	13.1	9.1	5.2	2.2	0.0
-52.5°	19.6	15.7	12.1	8.4	4.8	2.1	0.0
-55°	17.8	14.4	11.1	7.7	4.3	1.9	0.0
-57.5°	16.0	13.1	10.0	7.1	3.9	1.8	0.0
-60°	14.3	11.8	9.0	6.4	3.4	1.7	0.0
-62.5°	12.8	10.5	8.0	5.6	3.1	1.6	0.0
-65°	11.2	9.1	7.1	4.9	2.9	1.4	0.0
-67.5°	9.7	7.9	6.2	4.2	2.6	1.3	0.0
-70°	8.2	6.8	5.3	3.5	2.3	1.2	0.0
-72.5°	6.9	5.7	4.3	3.0	2.0	1.0	0.0
-75°	5.6	4.6	3.4	2.6	1.8	0.9	0.0
-77.5°	4.4	3.5	2.8	2.1	1.5	0.7	0.0
-80°	3.2	2.7	2.2	1.7	1.2	0.6	0.0
-82.5°	2.3	2.0	1.7	1.3	0.9	0.4	0.0
-85°	1.6	1.3	1.1	0.9	0.6	0.3	0.0
-87.5°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)