

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: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3C-930-U-TSB-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

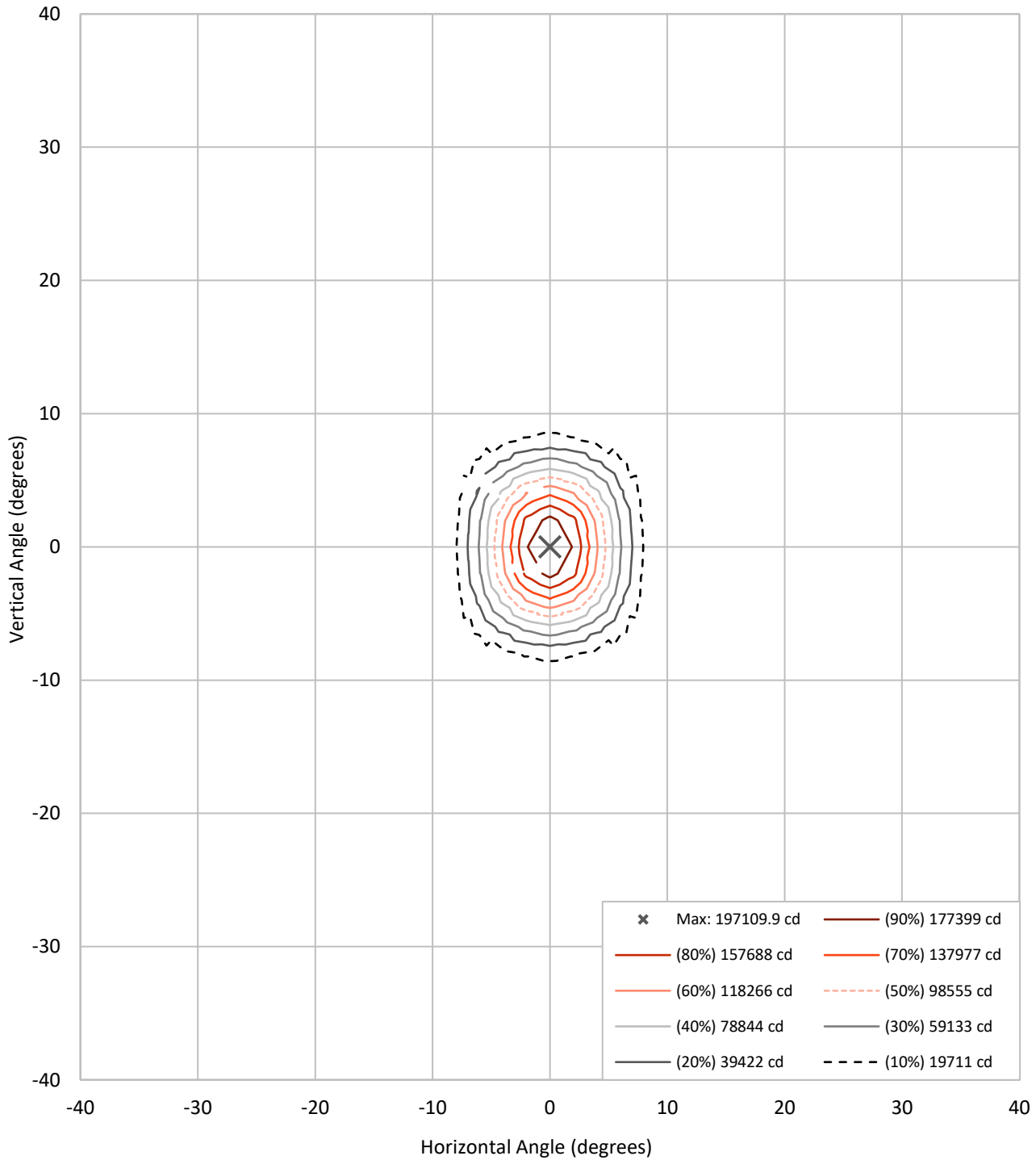
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7675.9 lumens	Max Intensity:	197109.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3290 lumens	Field Lumens:	5670.3 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 119
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: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





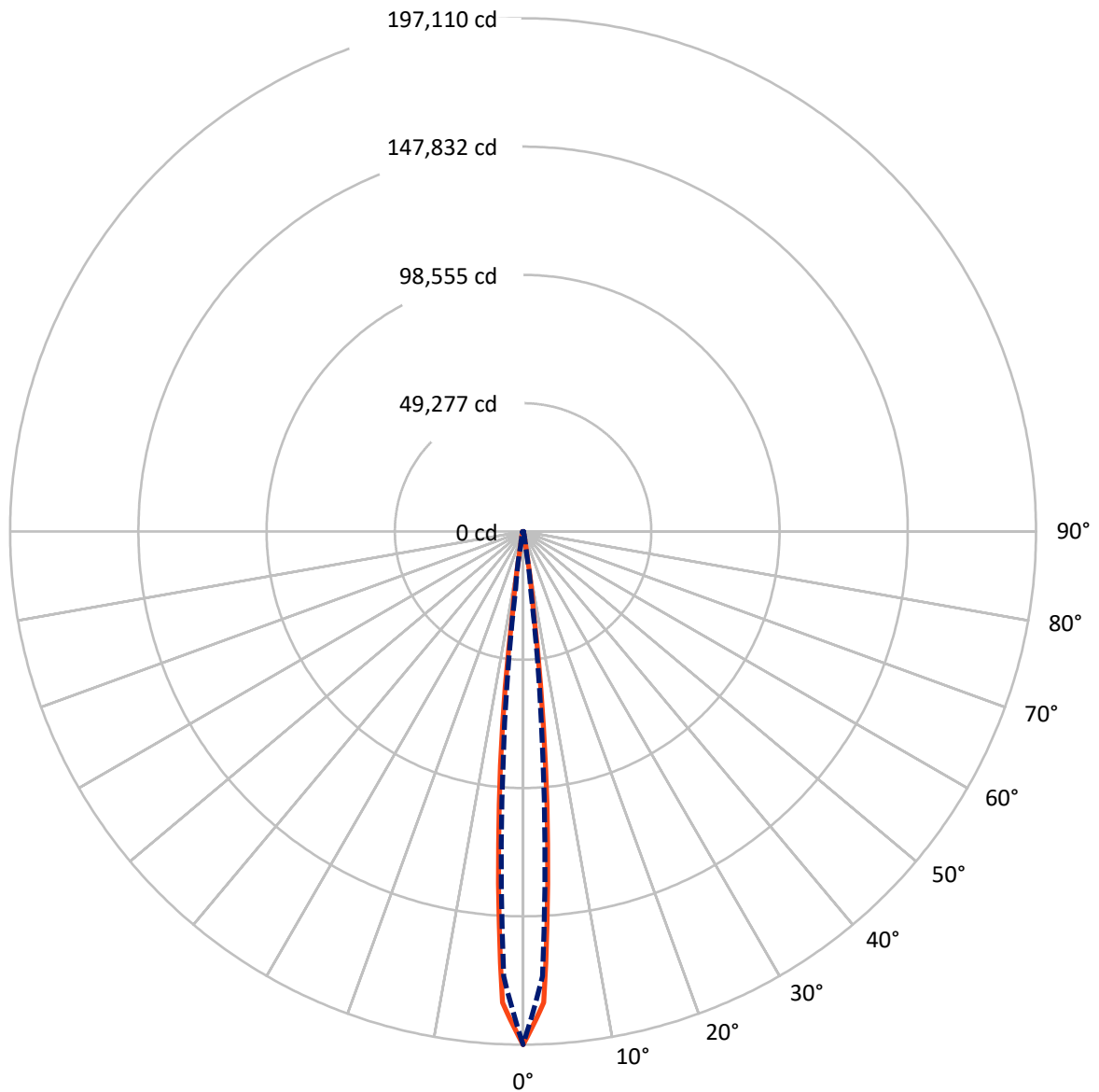
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Lumen Table

90																			
80	0.0	0.2		0.8		1.9		3.2		1.9		0.8		0.2		0.0			
70																			
60	0.1	0.1	0.4	0.8	1.3	1.7	2.7	4.8	4.8	2.7	1.7	1.3	0.8	0.4	0.1	0.1			
50		0.3	0.8	1.6	2.5	3.4	4.6	6.2	6.2	4.6	3.4	2.5	1.6	0.8	0.3				
40	0.4	0.5	1.2	2.5	4.3	6.5	8.4	10.0	10.0	8.4	6.5	4.3	2.5	1.2	0.5	0.4			
30		0.8	1.7	3.7	6.7	9.1	10.3	10.9	10.9	10.3	9.1	6.7	3.7	1.7	0.8				
20	0.8	1.2	2.4	5.3	8.3	9.9	13.5	17.7	17.7	13.5	9.9	8.3	5.3	2.4	1.2	0.8			
10		1.7	3.3	6.7	9.1	13.0	26.4	52.7	52.7	26.4	13.0	9.1	6.7	3.3	1.7				
0	0.9	1.9	3.9	7.4	9.5	16.7	52.1	1542.2	1542.2	52.1	16.7	9.5	7.4	3.9	1.9	0.9			
-10		1.9	3.9	7.4	9.5	16.7	52.1	1542.2	1542.2	52.1	16.7	9.5	7.4	3.9	1.9				
-20	0.8	1.7	3.3	6.7	9.1	13.0	26.4	52.7	52.7	26.4	13.0	9.1	6.7	3.3	1.7	0.8			
-30		1.2	2.4	5.3	8.3	9.9	13.5	17.7	17.7	13.5	9.9	8.3	5.3	2.4	1.2				
-40	0.4	0.8	1.7	3.7	6.7	9.1	10.3	10.9	10.9	10.3	9.1	6.7	3.7	1.7	0.8	0.4			
-50		0.5	1.2	2.5	4.3	6.5	8.4	10.0	10.0	8.4	6.5	4.3	2.5	1.2	0.5				
-60	0.1	0.3	0.8	1.6	2.5	3.4	4.6	6.2	6.2	4.6	3.4	2.5	1.6	0.8	0.3	0.1			
-70		0.1	0.4	0.8	1.3	1.7	2.7	4.8	4.8	2.7	1.7	1.3	0.8	0.4	0.1				
-80																			
-90	0.0	0.2		0.8		1.9		3.2		1.9		0.8		0.2		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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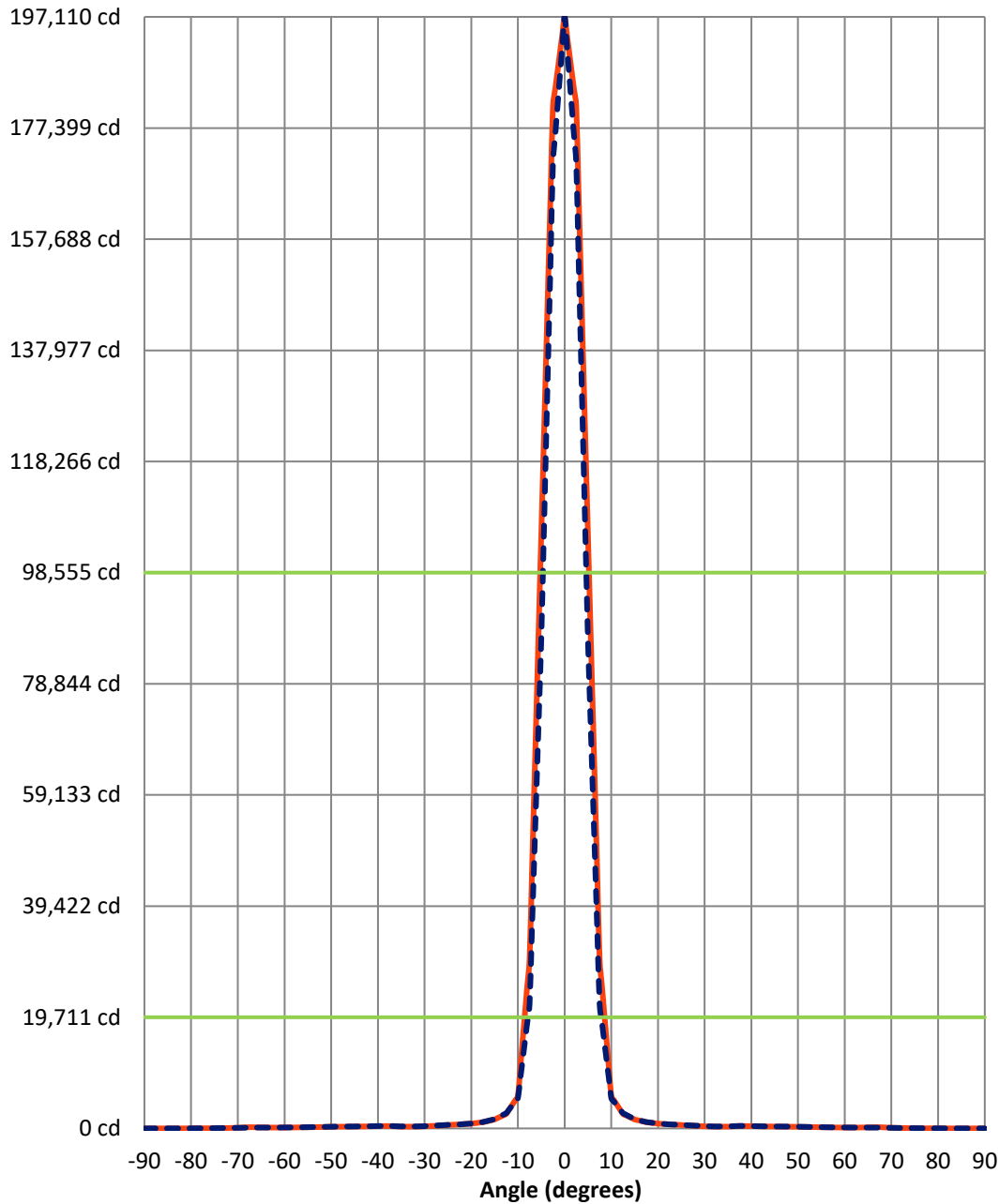
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 3290
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 5670.3
Efficiency: 73.9%

Spill:
Lumens: 2005.6
Efficiency: 26.1%

- 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	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.2	2.2	2.2
80°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.2	2.2	2.2	2.2
77.5°	0.0	0.5	1.0	1.4	1.9	2.2	2.2	2.2	2.2	2.2	2.4
75°	0.0	0.6	1.1	1.7	2.2	2.2	2.2	2.2	2.3	2.9	3.4
72.5°	0.0	0.7	1.3	2.0	2.2	2.2	2.2	2.4	3.3	3.9	4.4
70°	0.0	0.8	1.5	2.2	2.2	2.2	2.3	3.4	4.2	5.0	6.2
67.5°	0.0	0.8	1.7	2.2	2.2	2.2	3.2	4.3	5.2	6.8	8.1
65°	0.0	0.9	1.9	2.2	2.2	2.6	4.0	5.2	6.9	8.6	10.3
62.5°	0.0	1.0	2.0	2.2	2.2	3.3	4.9	6.6	8.6	10.6	13.2
60°	0.0	1.1	2.2	2.2	2.2	4.1	5.7	8.1	10.3	13.4	16.2
57.5°	0.0	1.2	2.2	2.2	2.8	4.8	7.2	9.7	12.8	16.2	19.5
55°	0.0	1.3	2.2	2.2	3.4	5.5	8.7	11.3	15.4	19.2	23.2
52.5°	0.0	1.3	2.3	2.2	4.0	6.4	10.3	13.8	18.0	22.7	26.9
50°	0.0	1.4	2.3	2.2	4.6	7.8	11.9	16.6	20.8	26.2	31.4
47.5°	0.0	1.5	2.3	2.3	5.1	9.2	13.7	19.4	24.0	29.8	36.1
45°	0.0	1.6	2.3	2.7	5.7	10.6	16.2	22.2	27.9	34.2	41.0
42.5°	0.0	1.6	2.4	3.1	6.3	12.0	18.7	25.5	31.9	38.8	46.8
40°	0.0	1.7	2.4	3.5	7.1	13.5	21.3	29.1	36.3	43.6	52.9
37.5°	0.0	1.7	2.5	3.9	8.2	14.9	23.9	32.8	41.3	49.6	59.3
35°	0.0	1.8	2.5	4.3	9.3	16.7	26.5	36.6	46.4	56.5	65.4
32.5°	0.0	1.9	2.6	4.6	10.3	18.8	29.3	40.4	51.5	63.7	73.1
30°	0.0	1.9	2.6	4.8	11.3	20.8	32.3	44.3	56.7	71.2	81.8
27.5°	0.0	2.0	2.7	5.1	12.0	22.8	35.4	48.6	62.3	78.8	91.4
25°	0.0	2.0	2.8	5.3	12.5	24.7	38.4	52.7	68.6	86.8	101.7
22.5°	0.0	2.0	2.8	5.4	12.9	26.2	41.3	56.9	74.8	95.2	110.4
20°	0.0	2.1	2.9	5.6	13.2	26.8	44.1	60.9	81.1	104.0	119.0
17.5°	0.0	2.1	3.0	5.6	13.4	27.1	45.6	64.8	87.2	113.0	127.5
15°	0.0	2.1	3.0	5.7	13.5	27.3	46.2	67.6	93.2	122.1	135.8
12.5°	0.0	2.1	3.1	5.7	13.5	27.3	46.5	69.0	97.1	131.2	143.9
10°	0.0	2.2	3.2	5.8	13.4	27.1	46.6	70.3	99.1	134.7	149.6
7.5°	0.0	2.2	3.2	5.7	13.2	26.7	46.5	71.4	100.5	136.7	150.6
5°	0.0	2.2	3.3	5.7	13.0	26.2	46.2	72.2	101.5	138.2	151.5
2.5°	0.0	2.2	3.3	5.7	12.7	25.5	45.7	72.7	102.0	138.9	152.1
0°	0.0	2.2	3.4	5.6	12.3	24.7	44.9	72.9	102.0	139.0	152.5
-2.5°	0.0	2.2	3.3	5.7	12.7	25.5	45.7	72.7	102.0	138.9	152.1
-5°	0.0	2.2	3.3	5.7	13.0	26.2	46.2	72.2	101.5	138.2	151.5
-7.5°	0.0	2.2	3.2	5.7	13.2	26.7	46.5	71.4	100.5	136.7	150.6
-10°	0.0	2.2	3.2	5.8	13.4	27.1	46.6	70.3	99.1	134.7	149.6
-12.5°	0.0	2.1	3.1	5.7	13.5	27.3	46.5	69.0	97.1	131.2	143.9
-15°	0.0	2.1	3.0	5.7	13.5	27.3	46.2	67.6	93.2	122.1	135.8
-17.5°	0.0	2.1	3.0	5.6	13.4	27.1	45.6	64.8	87.2	113.0	127.5
-20°	0.0	2.1	2.9	5.6	13.2	26.8	44.1	60.9	81.1	104.0	119.0



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.0	2.8	5.4	12.9	26.2	41.3	56.9	74.8	95.2	110.4
-25°	0.0	2.0	2.8	5.3	12.5	24.7	38.4	52.7	68.6	86.8	101.7
-27.5°	0.0	2.0	2.7	5.1	12.0	22.8	35.4	48.6	62.3	78.8	91.4
-30°	0.0	1.9	2.6	4.8	11.3	20.8	32.3	44.3	56.7	71.2	81.8
-32.5°	0.0	1.9	2.6	4.6	10.3	18.8	29.3	40.4	51.5	63.7	73.1
-35°	0.0	1.8	2.5	4.3	9.3	16.7	26.5	36.6	46.4	56.5	65.4
-37.5°	0.0	1.7	2.5	3.9	8.2	14.9	23.9	32.8	41.3	49.6	59.3
-40°	0.0	1.7	2.4	3.5	7.1	13.5	21.3	29.1	36.3	43.6	52.9
-42.5°	0.0	1.6	2.4	3.1	6.3	12.0	18.7	25.5	31.9	38.8	46.8
-45°	0.0	1.6	2.3	2.7	5.7	10.6	16.2	22.2	27.9	34.2	41.0
-47.5°	0.0	1.5	2.3	2.3	5.1	9.2	13.7	19.4	24.0	29.8	36.1
-50°	0.0	1.4	2.3	2.2	4.6	7.8	11.9	16.6	20.8	26.2	31.4
-52.5°	0.0	1.3	2.3	2.2	4.0	6.4	10.3	13.8	18.0	22.7	26.9
-55°	0.0	1.3	2.2	2.2	3.4	5.5	8.7	11.3	15.4	19.2	23.2
-57.5°	0.0	1.2	2.2	2.2	2.8	4.8	7.2	9.7	12.8	16.2	19.5
-60°	0.0	1.1	2.2	2.2	2.2	4.1	5.7	8.1	10.3	13.4	16.2
-62.5°	0.0	1.0	2.0	2.2	2.2	3.3	4.9	6.6	8.6	10.6	13.2
-65°	0.0	0.9	1.9	2.2	2.2	2.6	4.0	5.2	6.9	8.6	10.3
-67.5°	0.0	0.8	1.7	2.2	2.2	2.2	3.2	4.3	5.2	6.8	8.1
-70°	0.0	0.8	1.5	2.2	2.2	2.2	2.3	3.4	4.2	5.0	6.2
-72.5°	0.0	0.7	1.3	2.0	2.2	2.2	2.2	2.4	3.3	3.9	4.4
-75°	0.0	0.6	1.1	1.7	2.2	2.2	2.2	2.2	2.3	2.9	3.4
-77.5°	0.0	0.5	1.0	1.4	1.9	2.2	2.2	2.2	2.2	2.2	2.4
-80°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.2	2.2	2.2	2.2
-82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.2	2.2	2.2
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	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-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.7	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
85°	1.8	1.7	1.4	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
82.5°	2.0	1.9	1.9	1.9	2.0	2.1	2.3	2.5	2.7	2.9	3.1
80°	2.2	2.2	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.8	5.4
77.5°	2.9	3.3	3.7	4.2	4.7	5.5	6.3	6.9	7.7	8.6	9.5
75°	3.9	4.4	5.5	6.8	7.9	8.8	9.6	10.8	12.3	13.9	15.5
72.5°	5.4	6.8	8.2	9.8	11.7	13.3	14.8	16.3	18.7	21.3	23.3
70°	7.4	9.1	11.4	13.9	16.3	18.4	21.5	25.1	28.8	30.7	31.8
67.5°	9.6	12.2	15.1	18.1	21.4	24.9	29.2	33.1	36.9	38.4	39.8
65°	12.4	15.4	18.9	22.6	26.5	30.7	35.1	39.5	43.4	45.4	47.7
62.5°	15.3	18.9	22.9	27.1	31.4	36.0	41.2	45.6	49.0	53.1	57.8
60°	18.8	22.4	26.9	31.6	36.6	42.9	48.1	53.1	57.6	62.3	69.4
57.5°	22.4	25.9	31.0	36.5	43.3	50.5	56.5	61.8	68.1	74.7	81.9
55°	26.4	29.6	35.3	42.1	49.9	58.5	65.5	72.8	80.1	85.9	92.3
52.5°	31.1	33.9	39.9	47.8	56.8	66.4	75.8	83.4	90.1	96.6	103.8
50°	35.9	39.5	44.4	53.8	63.8	74.7	85.3	93.0	100.6	108.2	116.4
47.5°	41.5	45.5	49.7	59.8	71.2	82.3	93.3	103.1	111.6	121.7	131.0
45°	47.6	52.4	56.8	66.2	77.9	89.2	101.4	113.2	125.1	137.0	151.9
42.5°	54.0	59.3	64.9	72.2	83.8	96.4	109.5	125.2	140.3	156.8	176.2
40°	60.3	66.1	72.8	79.4	89.7	103.8	119.7	137.3	158.6	180.0	203.5
37.5°	66.4	73.1	80.3	87.1	96.3	112.1	129.6	152.1	177.7	204.8	234.7
35°	72.5	79.8	87.2	95.2	105.5	120.8	142.5	167.9	198.6	232.9	260.3
32.5°	78.3	86.2	93.7	103.4	116.1	131.8	154.9	186.9	222.3	257.1	275.4
30°	85.7	92.0	100.2	111.2	126.4	146.4	171.5	206.0	246.3	270.1	287.0
27.5°	95.5	97.8	107.0	119.9	137.1	160.8	192.0	227.9	261.2	282.0	297.3
25°	105.2	107.6	113.4	128.6	149.8	177.9	212.9	253.8	273.5	291.2	308.8
22.5°	114.4	116.9	124.3	136.8	162.2	195.2	235.9	271.7	290.5	301.8	320.9
20°	123.1	127.0	136.0	150.5	174.8	211.7	258.2	288.3	306.2	319.7	337.3
17.5°	131.5	136.8	147.9	165.5	192.7	230.1	278.5	304.8	322.4	335.4	357.2
15°	139.6	146.4	159.3	179.6	209.3	249.8	292.1	318.4	337.3	350.1	375.5
12.5°	147.5	155.8	170.2	192.6	224.3	267.1	303.6	327.2	346.0	365.6	391.9
10°	155.1	164.8	180.6	204.7	237.6	281.9	313.2	334.2	353.0	377.9	405.4
7.5°	156.2	169.4	189.1	215.9	249.5	294.5	321.1	339.8	360.1	389.3	417.6
5°	156.3	169.0	189.7	218.8	255.2	301.9	326.6	343.9	367.0	399.3	428.5
2.5°	156.1	168.2	189.9	219.7	256.6	302.6	327.4	345.0	370.9	409.3	438.5
0°	155.9	167.1	189.5	219.8	256.8	301.6	327.4	345.4	373.4	418.3	447.4
-2.5°	156.1	168.2	189.9	219.7	256.6	302.6	327.4	345.0	370.9	409.3	438.5
-5°	156.3	169.0	189.7	218.8	255.2	301.9	326.6	343.9	367.0	399.3	428.5
-7.5°	156.2	169.4	189.1	215.9	249.5	294.5	321.1	339.8	360.1	389.3	417.6
-10°	155.1	164.8	180.6	204.7	237.6	281.9	313.2	334.2	353.0	377.9	405.4
-12.5°	147.5	155.8	170.2	192.6	224.3	267.1	303.6	327.2	346.0	365.6	391.9
-15°	139.6	146.4	159.3	179.6	209.3	249.8	292.1	318.4	337.3	350.1	375.5
-17.5°	131.5	136.8	147.9	165.5	192.7	230.1	278.5	304.8	322.4	335.4	357.2
-20°	123.1	127.0	136.0	150.5	174.8	211.7	258.2	288.3	306.2	319.7	337.3



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	114.4	116.9	124.3	136.8	162.2	195.2	235.9	271.7	290.5	301.8	320.9
-25°	105.2	107.6	113.4	128.6	149.8	177.9	212.9	253.8	273.5	291.2	308.8
-27.5°	95.5	97.8	107.0	119.9	137.1	160.8	192.0	227.9	261.2	282.0	297.3
-30°	85.7	92.0	100.2	111.2	126.4	146.4	171.5	206.0	246.3	270.1	287.0
-32.5°	78.3	86.2	93.7	103.4	116.1	131.8	154.9	186.9	222.3	257.1	275.4
-35°	72.5	79.8	87.2	95.2	105.5	120.8	142.5	167.9	198.6	232.9	260.3
-37.5°	66.4	73.1	80.3	87.1	96.3	112.1	129.6	152.1	177.7	204.8	234.7
-40°	60.3	66.1	72.8	79.4	89.7	103.8	119.7	137.3	158.6	180.0	203.5
-42.5°	54.0	59.3	64.9	72.2	83.8	96.4	109.5	125.2	140.3	156.8	176.2
-45°	47.6	52.4	56.8	66.2	77.9	89.2	101.4	113.2	125.1	137.0	151.9
-47.5°	41.5	45.5	49.7	59.8	71.2	82.3	93.3	103.1	111.6	121.7	131.0
-50°	35.9	39.5	44.4	53.8	63.8	74.7	85.3	93.0	100.6	108.2	116.4
-52.5°	31.1	33.9	39.9	47.8	56.8	66.4	75.8	83.4	90.1	96.6	103.8
-55°	26.4	29.6	35.3	42.1	49.9	58.5	65.5	72.8	80.1	85.9	92.3
-57.5°	22.4	25.9	31.0	36.5	43.3	50.5	56.5	61.8	68.1	74.7	81.9
-60°	18.8	22.4	26.9	31.6	36.6	42.9	48.1	53.1	57.6	62.3	69.4
-62.5°	15.3	18.9	22.9	27.1	31.4	36.0	41.2	45.6	49.0	53.1	57.8
-65°	12.4	15.4	18.9	22.6	26.5	30.7	35.1	39.5	43.4	45.4	47.7
-67.5°	9.6	12.2	15.1	18.1	21.4	24.9	29.2	33.1	36.9	38.4	39.8
-70°	7.4	9.1	11.4	13.9	16.3	18.4	21.5	25.1	28.8	30.7	31.8
-72.5°	5.4	6.8	8.2	9.8	11.7	13.3	14.8	16.3	18.7	21.3	23.3
-75°	3.9	4.4	5.5	6.8	7.9	8.8	9.6	10.8	12.3	13.9	15.5
-77.5°	2.9	3.3	3.7	4.2	4.7	5.5	6.3	6.9	7.7	8.6	9.5
-80°	2.2	2.2	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.8	5.4
-82.5°	2.0	1.9	1.9	1.9	2.0	2.1	2.3	2.5	2.7	2.9	3.1
-85°	1.8	1.7	1.4	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
-87.5°	0.9	0.8	0.7	0.6	0.7	0.7	0.7	0.8	0.8	0.8	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



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

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°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
85°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
82.5°	3.2	3.4	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.3	4.4
80°	6.0	6.5	6.8	7.1	7.3	8.1	9.1	10.1	11.2	11.6	11.8
77.5°	10.7	11.5	12.0	12.3	12.6	14.3	16.6	18.9	21.3	22.6	23.6
75°	17.0	17.9	18.5	19.0	19.2	21.9	25.9	30.1	34.4	36.6	38.3
72.5°	24.6	25.4	26.0	26.5	26.8	30.8	38.0	45.8	54.1	59.2	62.9
70°	32.8	33.7	34.4	35.0	35.4	40.2	50.6	61.6	72.8	84.1	96.1
67.5°	41.5	43.3	44.3	44.9	45.4	49.5	60.6	70.9	80.3	100.7	132.8
65°	50.9	55.2	57.1	58.1	58.5	60.3	69.8	78.3	86.0	101.9	126.4
62.5°	63.0	68.7	71.3	72.5	73.2	73.3	81.0	88.2	94.8	104.7	120.2
60°	76.0	82.1	85.4	86.3	86.8	87.0	93.2	100.3	106.9	115.0	129.5
57.5°	87.9	93.7	98.5	100.3	101.8	102.9	108.3	116.6	124.4	132.5	148.1
55°	99.2	106.2	112.9	116.6	120.0	123.0	128.3	138.9	148.9	158.3	174.5
52.5°	111.6	120.6	129.4	136.1	142.6	148.3	154.0	167.7	181.0	193.6	209.4
50°	126.4	137.5	150.4	161.2	170.5	179.8	188.1	204.2	222.3	239.5	256.1
47.5°	145.1	159.7	176.2	191.7	204.4	218.7	231.6	248.2	264.2	280.2	293.9
45°	168.2	188.3	207.4	227.9	246.0	255.5	263.0	273.3	289.8	305.5	318.3
42.5°	197.6	221.1	244.5	259.8	271.4	279.1	284.5	290.0	307.3	322.4	334.8
40°	230.3	253.9	268.3	280.9	288.9	295.7	304.3	312.8	326.3	341.9	355.6
37.5°	258.7	273.8	286.5	296.3	306.1	315.2	327.5	339.6	352.5	370.0	382.7
35°	276.1	289.4	302.3	314.7	327.2	341.1	356.5	374.3	390.1	375.7	354.9
32.5°	289.4	303.1	318.7	337.8	355.0	374.0	393.2	362.3	330.5	318.1	320.6
30°	301.1	316.9	338.4	363.3	387.1	378.6	336.3	321.4	325.8	334.6	351.3
27.5°	313.5	333.3	359.4	390.0	371.2	324.3	326.8	335.3	364.4	389.1	426.5
25°	328.2	352.1	384.5	370.3	327.3	331.8	353.5	386.3	441.6	493.2	538.3
22.5°	345.9	376.3	380.6	327.4	333.3	361.7	405.7	476.8	544.0	606.3	652.9
20°	363.9	399.0	345.1	333.8	358.8	409.5	491.4	572.9	647.9	703.7	750.3
17.5°	385.5	373.1	334.9	346.9	397.4	485.0	577.2	663.6	734.3	830.7	912.8
15°	404.4	348.2	341.1	380.5	456.5	555.1	655.2	732.8	860.7	998.8	1138.5
12.5°	393.6	339.3	352.0	410.5	510.3	616.9	705.5	828.4	997.4	1199.2	1502.5
10°	377.5	344.3	375.5	452.0	556.4	660.3	752.3	913.3	1136.5	1507.1	1984.6
7.5°	365.1	346.5	390.9	483.8	590.7	686.4	809.1	1004.4	1315.5	1823.9	2840.5
5°	355.7	346.4	398.0	502.2	611.1	704.5	844.1	1070.6	1490.8	2215.3	3952.5
2.5°	351.5	344.6	400.0	512.1	621.0	714.6	865.9	1118.2	1601.5	2578.8	5197.3
0°	354.3	340.9	399.2	515.8	626.8	713.2	869.0	1132.5	1634.9	2713.1	5364.4
-2.5°	351.5	344.6	400.0	512.1	621.0	714.6	865.9	1118.2	1601.5	2578.8	5197.3
-5°	355.7	346.4	398.0	502.2	611.1	704.5	844.1	1070.6	1490.8	2215.3	3952.5
-7.5°	365.1	346.5	390.9	483.8	590.7	686.4	809.1	1004.4	1315.5	1823.9	2840.5
-10°	377.5	344.3	375.5	452.0	556.4	660.3	752.3	913.3	1136.5	1507.1	1984.6
-12.5°	393.6	339.3	352.0	410.5	510.3	616.9	705.5	828.4	997.4	1199.2	1502.5
-15°	404.4	348.2	341.1	380.5	456.5	555.1	655.2	732.8	860.7	998.8	1138.5
-17.5°	385.5	373.1	334.9	346.9	397.4	485.0	577.2	663.6	734.3	830.7	912.8
-20°	363.9	399.0	345.1	333.8	358.8	409.5	491.4	572.9	647.9	703.7	750.3



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	345.9	376.3	380.6	327.4	333.3	361.7	405.7	476.8	544.0	606.3	652.9
-25°	328.2	352.1	384.5	370.3	327.3	331.8	353.5	386.3	441.6	493.2	538.3
-27.5°	313.5	333.3	359.4	390.0	371.2	324.3	326.8	335.3	364.4	389.1	426.5
-30°	301.1	316.9	338.4	363.3	387.1	378.6	336.3	321.4	325.8	334.6	351.3
-32.5°	289.4	303.1	318.7	337.8	355.0	374.0	393.2	362.3	330.5	318.1	320.6
-35°	276.1	289.4	302.3	314.7	327.2	341.1	356.5	374.3	390.1	375.7	354.9
-37.5°	258.7	273.8	286.5	296.3	306.1	315.2	327.5	339.6	352.5	370.0	382.7
-40°	230.3	253.9	268.3	280.9	288.9	295.7	304.3	312.8	326.3	341.9	355.6
-42.5°	197.6	221.1	244.5	259.8	271.4	279.1	284.5	290.0	307.3	322.4	334.8
-45°	168.2	188.3	207.4	227.9	246.0	255.5	263.0	273.3	289.8	305.5	318.3
-47.5°	145.1	159.7	176.2	191.7	204.4	218.7	231.6	248.2	264.2	280.2	293.9
-50°	126.4	137.5	150.4	161.2	170.5	179.8	188.1	204.2	222.3	239.5	256.1
-52.5°	111.6	120.6	129.4	136.1	142.6	148.3	154.0	167.7	181.0	193.6	209.4
-55°	99.2	106.2	112.9	116.6	120.0	123.0	128.3	138.9	148.9	158.3	174.5
-57.5°	87.9	93.7	98.5	100.3	101.8	102.9	108.3	116.6	124.4	132.5	148.1
-60°	76.0	82.1	85.4	86.3	86.8	87.0	93.2	100.3	106.9	115.0	129.5
-62.5°	63.0	68.7	71.3	72.5	73.2	73.3	81.0	88.2	94.8	104.7	120.2
-65°	50.9	55.2	57.1	58.1	58.5	60.3	69.8	78.3	86.0	101.9	126.4
-67.5°	41.5	43.3	44.3	44.9	45.4	49.5	60.6	70.9	80.3	100.7	132.8
-70°	32.8	33.7	34.4	35.0	35.4	40.2	50.6	61.6	72.8	84.1	96.1
-72.5°	24.6	25.4	26.0	26.5	26.8	30.8	38.0	45.8	54.1	59.2	62.9
-75°	17.0	17.9	18.5	19.0	19.2	21.9	25.9	30.1	34.4	36.6	38.3
-77.5°	10.7	11.5	12.0	12.3	12.6	14.3	16.6	18.9	21.3	22.6	23.6
-80°	6.0	6.5	6.8	7.1	7.3	8.1	9.1	10.1	11.2	11.6	11.8
-82.5°	3.2	3.4	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.3	4.4
-85°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
-87.5°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	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



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
82.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2
80°	12.0	12.2	11.7	11.2	11.7	12.2	12.0	11.8	11.6	11.2	10.1
77.5°	24.6	25.5	24.6	23.5	24.6	25.5	24.6	23.6	22.6	21.3	18.9
75°	39.8	41.1	40.3	39.2	40.3	41.1	39.8	38.3	36.6	34.4	30.1
72.5°	66.4	69.6	68.8	67.3	68.8	69.6	66.4	62.9	59.2	54.1	45.8
70°	108.7	121.5	120.9	117.7	120.9	121.5	108.7	96.1	84.1	72.8	61.6
67.5°	167.5	203.7	215.2	220.9	215.2	203.7	167.5	132.8	100.7	80.3	70.9
65°	149.2	171.0	179.7	186.1	179.7	171.0	149.2	126.4	101.9	86.0	78.3
62.5°	134.2	147.1	150.0	150.3	150.0	147.1	134.2	120.2	104.7	94.8	88.2
60°	143.6	157.4	159.5	157.0	159.5	157.4	143.6	129.5	115.0	106.9	100.3
57.5°	163.1	177.6	180.2	177.2	180.2	177.6	163.1	148.1	132.5	124.4	116.6
55°	190.1	204.6	209.5	208.6	209.5	204.6	190.1	174.5	158.3	148.9	138.9
52.5°	224.5	237.9	243.4	243.3	243.4	237.9	224.5	209.4	193.6	181.0	167.7
50°	270.5	282.5	288.5	289.3	288.5	282.5	270.5	256.1	239.5	222.3	204.2
47.5°	303.7	311.6	315.7	316.2	315.7	311.6	303.7	293.9	280.2	264.2	248.2
45°	324.0	328.2	331.5	334.2	331.5	328.2	324.0	318.3	305.5	289.8	273.3
42.5°	343.1	351.9	358.4	359.9	358.4	351.9	343.1	334.8	322.4	307.3	290.0
40°	368.7	380.9	392.6	404.8	392.6	380.9	368.7	355.6	341.9	326.3	312.8
37.5°	396.0	409.6	420.9	427.2	420.9	409.6	396.0	382.7	370.0	352.5	339.6
35°	340.3	331.4	326.1	324.1	326.1	331.4	340.3	354.9	375.7	390.1	374.3
32.5°	322.1	322.7	321.7	319.6	321.7	322.7	322.1	320.6	318.1	330.5	362.3
30°	363.7	369.7	370.4	370.0	370.4	369.7	363.7	351.3	334.6	325.8	321.4
27.5°	454.1	469.3	474.0	483.3	474.0	469.3	454.1	426.5	389.1	364.4	335.3
25°	573.3	596.1	607.1	611.1	607.1	596.1	573.3	538.3	493.2	441.6	386.3
22.5°	679.1	696.6	706.8	715.4	706.8	696.6	679.1	652.9	606.3	544.0	476.8
20°	804.6	836.5	851.1	852.2	851.1	836.5	804.6	750.3	703.7	647.9	572.9
17.5°	1000.6	1062.5	1093.5	1102.3	1093.5	1062.5	1000.6	912.8	830.7	734.3	663.6
15°	1309.6	1467.9	1549.3	1587.8	1549.3	1467.9	1309.6	1138.5	998.8	860.7	732.8
12.5°	1813.8	2170.6	2459.2	2567.9	2459.2	2170.6	1813.8	1502.5	1199.2	997.4	828.4
10°	2812.8	3878.5	5123.4	5704.1	5123.4	3878.5	2812.8	1984.6	1507.1	1136.5	913.3
7.5°	5441.7	12634.6	24487.9	30142.2	24487.9	12634.6	5441.7	2840.5	1823.9	1315.5	1004.4
5°	11599.1	50057.9	89647.5	105298.6	89647.5	50057.9	11599.1	3952.5	2215.3	1490.8	1070.6
2.5°	18474.8	82101.5	154912.3	181137.9	154912.3	82101.5	18474.8	5197.3	2578.8	1601.5	1118.2
0°	22073.7	86519.8	170942.3	197109.9	170942.3	86519.8	22073.7	5364.4	2713.1	1634.9	1132.5
-2.5°	18474.8	82101.5	154912.3	181137.8	154912.3	82101.5	18474.8	5197.3	2578.8	1601.5	1118.2
-5°	11599.1	50057.9	89647.5	105298.6	89647.5	50057.9	11599.1	3952.5	2215.3	1490.8	1070.6
-7.5°	5441.7	12634.6	24487.9	30142.2	24487.9	12634.6	5441.7	2840.5	1823.9	1315.5	1004.4
-10°	2812.8	3878.5	5123.4	5704.1	5123.4	3878.5	2812.8	1984.6	1507.1	1136.5	913.3
-12.5°	1813.8	2170.6	2459.2	2567.9	2459.2	2170.6	1813.8	1502.5	1199.2	997.4	828.4
-15°	1309.6	1467.9	1549.3	1587.8	1549.3	1467.9	1309.6	1138.5	998.8	860.7	732.8
-17.5°	1000.6	1062.5	1093.5	1102.3	1093.5	1062.5	1000.6	912.8	830.7	734.3	663.6
-20°	804.6	836.5	851.1	852.2	851.1	836.5	804.6	750.3	703.7	647.9	572.9



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	679.1	696.6	706.8	715.4	706.8	696.6	679.1	652.9	606.3	544.0	476.8
-25°	573.3	596.1	607.1	611.1	607.1	596.1	573.3	538.3	493.2	441.6	386.3
-27.5°	454.1	469.3	474.0	483.3	474.0	469.3	454.1	426.5	389.1	364.4	335.3
-30°	363.7	369.7	370.4	370.0	370.4	369.7	363.7	351.3	334.6	325.8	321.4
-32.5°	322.1	322.7	321.7	319.6	321.7	322.7	322.1	320.6	318.1	330.5	362.3
-35°	340.3	331.4	326.1	324.1	326.1	331.4	340.3	354.9	375.7	390.1	374.3
-37.5°	396.0	409.6	420.9	427.2	420.9	409.6	396.0	382.7	370.0	352.5	339.6
-40°	368.7	380.9	392.6	404.8	392.6	380.9	368.7	355.6	341.9	326.3	312.8
-42.5°	343.1	351.9	358.4	359.9	358.4	351.9	343.1	334.8	322.4	307.3	290.0
-45°	324.0	328.2	331.5	334.2	331.5	328.2	324.0	318.3	305.5	289.8	273.3
-47.5°	303.7	311.6	315.7	316.2	315.7	311.6	303.7	293.9	280.2	264.2	248.2
-50°	270.5	282.5	288.5	289.3	288.5	282.5	270.5	256.1	239.5	222.3	204.2
-52.5°	224.5	237.9	243.4	243.3	243.4	237.9	224.5	209.4	193.6	181.0	167.7
-55°	190.1	204.6	209.5	208.6	209.5	204.6	190.1	174.5	158.3	148.9	138.9
-57.5°	163.1	177.6	180.2	177.2	180.2	177.6	163.1	148.1	132.5	124.4	116.6
-60°	143.6	157.4	159.5	157.0	159.5	157.4	143.6	129.5	115.0	106.9	100.3
-62.5°	134.2	147.1	150.0	150.3	150.0	147.1	134.2	120.2	104.7	94.8	88.2
-65°	149.2	171.0	179.7	186.1	179.7	171.0	149.2	126.4	101.9	86.0	78.3
-67.5°	167.5	203.7	215.2	220.9	215.2	203.7	167.5	132.8	100.7	80.3	70.9
-70°	108.7	121.5	120.9	117.7	120.9	121.5	108.7	96.1	84.1	72.8	61.6
-72.5°	66.4	69.6	68.8	67.3	68.8	69.6	66.4	62.9	59.2	54.1	45.8
-75°	39.8	41.1	40.3	39.2	40.3	41.1	39.8	38.3	36.6	34.4	30.1
-77.5°	24.6	25.5	24.6	23.5	24.6	25.5	24.6	23.6	22.6	21.3	18.9
-80°	12.0	12.2	11.7	11.2	11.7	12.2	12.0	11.8	11.6	11.2	10.1
-82.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2
-85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
85°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
82.5°	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.1	2.9	2.7	2.5
80°	9.1	8.1	7.3	7.1	6.8	6.5	6.0	5.4	4.8	4.4	4.1
77.5°	16.6	14.3	12.6	12.3	12.0	11.5	10.7	9.5	8.6	7.7	6.9
75°	25.9	21.9	19.2	19.0	18.5	17.9	17.0	15.5	13.9	12.3	10.8
72.5°	38.0	30.8	26.8	26.5	26.0	25.4	24.6	23.3	21.3	18.7	16.3
70°	50.6	40.2	35.4	35.0	34.4	33.7	32.8	31.8	30.7	28.8	25.1
67.5°	60.6	49.5	45.4	44.9	44.3	43.3	41.5	39.8	38.4	36.9	33.1
65°	69.8	60.3	58.5	58.1	57.1	55.2	50.9	47.7	45.4	43.4	39.5
62.5°	81.0	73.3	73.2	72.5	71.3	68.7	63.0	57.8	53.1	49.0	45.6
60°	93.2	87.0	86.8	86.3	85.4	82.1	76.0	69.4	62.3	57.6	53.1
57.5°	108.3	102.9	101.8	100.3	98.5	93.7	87.9	81.9	74.7	68.1	61.8
55°	128.3	123.0	120.0	116.6	112.9	106.2	99.2	92.3	85.9	80.1	72.8
52.5°	154.0	148.3	142.6	136.1	129.4	120.6	111.6	103.8	96.6	90.1	83.4
50°	188.1	179.8	170.5	161.2	150.4	137.5	126.4	116.4	108.2	100.6	93.0
47.5°	231.6	218.7	204.4	191.7	176.2	159.7	145.1	131.0	121.7	111.6	103.1
45°	263.0	255.5	246.0	227.9	207.4	188.3	168.2	151.9	137.0	125.1	113.2
42.5°	284.5	279.1	271.4	259.8	244.5	221.1	197.6	176.2	156.8	140.3	125.2
40°	304.3	295.7	288.9	280.9	268.3	253.9	230.3	203.5	180.0	158.6	137.3
37.5°	327.5	315.2	306.1	296.3	286.5	273.8	258.7	234.7	204.8	177.7	152.1
35°	356.5	341.1	327.2	314.7	302.3	289.4	276.1	260.3	232.9	198.6	167.9
32.5°	393.2	374.0	355.0	337.8	318.7	303.1	289.4	275.4	257.1	222.3	186.9
30°	336.3	378.6	387.1	363.3	338.4	316.9	301.1	287.0	270.1	246.3	206.0
27.5°	326.8	324.3	371.2	390.0	359.4	333.3	313.5	297.3	282.0	261.2	227.9
25°	353.5	331.8	327.3	370.3	384.5	352.1	328.2	308.8	291.2	273.5	253.8
22.5°	405.7	361.7	333.3	327.4	380.6	376.3	345.9	320.9	301.8	290.5	271.7
20°	491.4	409.5	358.8	333.8	345.1	399.0	363.9	337.3	319.7	306.2	288.3
17.5°	577.2	485.0	397.4	346.9	334.9	373.1	385.5	357.2	335.4	322.4	304.8
15°	655.2	555.1	456.5	380.5	341.1	348.2	404.4	375.5	350.1	337.3	318.4
12.5°	705.5	616.9	510.3	410.5	352.0	339.3	393.6	391.9	365.6	346.0	327.2
10°	752.3	660.3	556.4	452.0	375.5	344.3	377.5	405.4	377.9	353.0	334.2
7.5°	809.1	686.4	590.7	483.8	390.9	346.5	365.1	417.6	389.3	360.1	339.8
5°	844.1	704.5	611.1	502.2	398.0	346.4	355.7	428.5	399.3	367.0	343.9
2.5°	865.9	714.6	621.0	512.1	400.0	344.6	351.5	438.5	409.3	370.9	345.0
0°	869.0	713.2	626.8	515.8	399.2	340.9	354.3	447.4	418.3	373.4	345.4
-2.5°	865.9	714.6	621.0	512.1	400.0	344.6	351.5	438.5	409.3	370.9	345.0
-5°	844.1	704.5	611.1	502.2	398.0	346.4	355.7	428.5	399.3	367.0	343.9
-7.5°	809.1	686.4	590.7	483.8	390.9	346.5	365.1	417.6	389.3	360.1	339.8
-10°	752.3	660.3	556.4	452.0	375.5	344.3	377.5	405.4	377.9	353.0	334.2
-12.5°	705.5	616.9	510.3	410.5	352.0	339.3	393.6	391.9	365.6	346.0	327.2
-15°	655.2	555.1	456.5	380.5	341.1	348.2	404.4	375.5	350.1	337.3	318.4
-17.5°	577.2	485.0	397.4	346.9	334.9	373.1	385.5	357.2	335.4	322.4	304.8
-20°	491.4	409.5	358.8	333.8	345.1	399.0	363.9	337.3	319.7	306.2	288.3



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	405.7	361.7	333.3	327.4	380.6	376.3	345.9	320.9	301.8	290.5	271.7
-25°	353.5	331.8	327.3	370.3	384.5	352.1	328.2	308.8	291.2	273.5	253.8
-27.5°	326.8	324.3	371.2	390.0	359.4	333.3	313.5	297.3	282.0	261.2	227.9
-30°	336.3	378.6	387.1	363.3	338.4	316.9	301.1	287.0	270.1	246.3	206.0
-32.5°	393.2	374.0	355.0	337.8	318.7	303.1	289.4	275.4	257.1	222.3	186.9
-35°	356.5	341.1	327.2	314.7	302.3	289.4	276.1	260.3	232.9	198.6	167.9
-37.5°	327.5	315.2	306.1	296.3	286.5	273.8	258.7	234.7	204.8	177.7	152.1
-40°	304.3	295.7	288.9	280.9	268.3	253.9	230.3	203.5	180.0	158.6	137.3
-42.5°	284.5	279.1	271.4	259.8	244.5	221.1	197.6	176.2	156.8	140.3	125.2
-45°	263.0	255.5	246.0	227.9	207.4	188.3	168.2	151.9	137.0	125.1	113.2
-47.5°	231.6	218.7	204.4	191.7	176.2	159.7	145.1	131.0	121.7	111.6	103.1
-50°	188.1	179.8	170.5	161.2	150.4	137.5	126.4	116.4	108.2	100.6	93.0
-52.5°	154.0	148.3	142.6	136.1	129.4	120.6	111.6	103.8	96.6	90.1	83.4
-55°	128.3	123.0	120.0	116.6	112.9	106.2	99.2	92.3	85.9	80.1	72.8
-57.5°	108.3	102.9	101.8	100.3	98.5	93.7	87.9	81.9	74.7	68.1	61.8
-60°	93.2	87.0	86.8	86.3	85.4	82.1	76.0	69.4	62.3	57.6	53.1
-62.5°	81.0	73.3	73.2	72.5	71.3	68.7	63.0	57.8	53.1	49.0	45.6
-65°	69.8	60.3	58.5	58.1	57.1	55.2	50.9	47.7	45.4	43.4	39.5
-67.5°	60.6	49.5	45.4	44.9	44.3	43.3	41.5	39.8	38.4	36.9	33.1
-70°	50.6	40.2	35.4	35.0	34.4	33.7	32.8	31.8	30.7	28.8	25.1
-72.5°	38.0	30.8	26.8	26.5	26.0	25.4	24.6	23.3	21.3	18.7	16.3
-75°	25.9	21.9	19.2	19.0	18.5	17.9	17.0	15.5	13.9	12.3	10.8
-77.5°	16.6	14.3	12.6	12.3	12.0	11.5	10.7	9.5	8.6	7.7	6.9
-80°	9.1	8.1	7.3	7.1	6.8	6.5	6.0	5.4	4.8	4.4	4.1
-82.5°	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.1	2.9	2.7	2.5
-85°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
-87.5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	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



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.7	0.7	0.6	0.7	0.8	0.9	0.9	0.8	0.8	0.7
85°	1.5	1.4	1.3	1.3	1.4	1.7	1.8	1.9	1.7	1.5	1.3
82.5°	2.3	2.1	2.0	1.9	1.9	1.9	2.0	2.2	2.2	2.2	2.0
80°	3.8	3.5	3.2	2.9	2.5	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	6.3	5.5	4.7	4.2	3.7	3.3	2.9	2.4	2.2	2.2	2.2
75°	9.6	8.8	7.9	6.8	5.5	4.4	3.9	3.4	2.9	2.3	2.2
72.5°	14.8	13.3	11.7	9.8	8.2	6.8	5.4	4.4	3.9	3.3	2.4
70°	21.5	18.4	16.3	13.9	11.4	9.1	7.4	6.2	5.0	4.2	3.4
67.5°	29.2	24.9	21.4	18.1	15.1	12.2	9.6	8.1	6.8	5.2	4.3
65°	35.1	30.7	26.5	22.6	18.9	15.4	12.4	10.3	8.6	6.9	5.2
62.5°	41.2	36.0	31.4	27.1	22.9	18.9	15.3	13.2	10.6	8.6	6.6
60°	48.1	42.9	36.6	31.6	26.9	22.4	18.8	16.2	13.4	10.3	8.1
57.5°	56.5	50.5	43.3	36.5	31.0	25.9	22.4	19.5	16.2	12.8	9.7
55°	65.5	58.5	49.9	42.1	35.3	29.6	26.4	23.2	19.2	15.4	11.3
52.5°	75.8	66.4	56.8	47.8	39.9	33.9	31.1	26.9	22.7	18.0	13.8
50°	85.3	74.7	63.8	53.8	44.4	39.5	35.9	31.4	26.2	20.8	16.6
47.5°	93.3	82.3	71.2	59.8	49.7	45.5	41.5	36.1	29.8	24.0	19.4
45°	101.4	89.2	77.9	66.2	56.8	52.4	47.6	41.0	34.2	27.9	22.2
42.5°	109.5	96.4	83.8	72.2	64.9	59.3	54.0	46.8	38.8	31.9	25.5
40°	119.7	103.8	89.7	79.4	72.8	66.1	60.3	52.9	43.6	36.3	29.1
37.5°	129.6	112.1	96.3	87.1	80.3	73.1	66.4	59.3	49.6	41.3	32.8
35°	142.5	120.8	105.5	95.2	87.2	79.8	72.5	65.4	56.5	46.4	36.6
32.5°	154.9	131.8	116.1	103.4	93.7	86.2	78.3	73.1	63.7	51.5	40.4
30°	171.5	146.4	126.4	111.2	100.2	92.0	85.7	81.8	71.2	56.7	44.3
27.5°	192.0	160.8	137.1	119.9	107.0	97.8	95.5	91.4	78.8	62.3	48.6
25°	212.9	177.9	149.8	128.6	113.4	107.6	105.2	101.7	86.8	68.6	52.7
22.5°	235.9	195.2	162.2	136.8	124.3	116.9	114.4	110.4	95.2	74.8	56.9
20°	258.2	211.7	174.8	150.5	136.0	127.0	123.1	119.0	104.0	81.1	60.9
17.5°	278.5	230.1	192.7	165.5	147.9	136.8	131.5	127.5	113.0	87.2	64.8
15°	292.1	249.8	209.3	179.6	159.3	146.4	139.6	135.8	122.1	93.2	67.6
12.5°	303.6	267.1	224.3	192.6	170.2	155.8	147.5	143.9	131.2	97.1	69.0
10°	313.2	281.9	237.6	204.7	180.6	164.8	155.1	149.6	134.7	99.1	70.3
7.5°	321.1	294.5	249.5	215.9	189.1	169.4	156.2	150.6	136.7	100.5	71.4
5°	326.6	301.9	255.2	218.8	189.7	169.0	156.3	151.5	138.2	101.5	72.2
2.5°	327.4	302.6	256.6	219.7	189.9	168.2	156.1	152.1	138.9	102.0	72.7
0°	327.4	301.6	256.8	219.8	189.5	167.1	155.9	152.5	139.0	102.0	72.9
-2.5°	327.4	302.6	256.6	219.7	189.9	168.2	156.1	152.1	138.9	102.0	72.7
-5°	326.6	301.9	255.2	218.8	189.7	169.0	156.3	151.5	138.2	101.5	72.2
-7.5°	321.1	294.5	249.5	215.9	189.1	169.4	156.2	150.6	136.7	100.5	71.4
-10°	313.2	281.9	237.6	204.7	180.6	164.8	155.1	149.6	134.7	99.1	70.3
-12.5°	303.6	267.1	224.3	192.6	170.2	155.8	147.5	143.9	131.2	97.1	69.0
-15°	292.1	249.8	209.3	179.6	159.3	146.4	139.6	135.8	122.1	93.2	67.6
-17.5°	278.5	230.1	192.7	165.5	147.9	136.8	131.5	127.5	113.0	87.2	64.8
-20°	258.2	211.7	174.8	150.5	136.0	127.0	123.1	119.0	104.0	81.1	60.9



REPORT NUMBER: P558793 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	235.9	195.2	162.2	136.8	124.3	116.9	114.4	110.4	95.2	74.8	56.9
-25°	212.9	177.9	149.8	128.6	113.4	107.6	105.2	101.7	86.8	68.6	52.7
-27.5°	192.0	160.8	137.1	119.9	107.0	97.8	95.5	91.4	78.8	62.3	48.6
-30°	171.5	146.4	126.4	111.2	100.2	92.0	85.7	81.8	71.2	56.7	44.3
-32.5°	154.9	131.8	116.1	103.4	93.7	86.2	78.3	73.1	63.7	51.5	40.4
-35°	142.5	120.8	105.5	95.2	87.2	79.8	72.5	65.4	56.5	46.4	36.6
-37.5°	129.6	112.1	96.3	87.1	80.3	73.1	66.4	59.3	49.6	41.3	32.8
-40°	119.7	103.8	89.7	79.4	72.8	66.1	60.3	52.9	43.6	36.3	29.1
-42.5°	109.5	96.4	83.8	72.2	64.9	59.3	54.0	46.8	38.8	31.9	25.5
-45°	101.4	89.2	77.9	66.2	56.8	52.4	47.6	41.0	34.2	27.9	22.2
-47.5°	93.3	82.3	71.2	59.8	49.7	45.5	41.5	36.1	29.8	24.0	19.4
-50°	85.3	74.7	63.8	53.8	44.4	39.5	35.9	31.4	26.2	20.8	16.6
-52.5°	75.8	66.4	56.8	47.8	39.9	33.9	31.1	26.9	22.7	18.0	13.8
-55°	65.5	58.5	49.9	42.1	35.3	29.6	26.4	23.2	19.2	15.4	11.3
-57.5°	56.5	50.5	43.3	36.5	31.0	25.9	22.4	19.5	16.2	12.8	9.7
-60°	48.1	42.9	36.6	31.6	26.9	22.4	18.8	16.2	13.4	10.3	8.1
-62.5°	41.2	36.0	31.4	27.1	22.9	18.9	15.3	13.2	10.6	8.6	6.6
-65°	35.1	30.7	26.5	22.6	18.9	15.4	12.4	10.3	8.6	6.9	5.2
-67.5°	29.2	24.9	21.4	18.1	15.1	12.2	9.6	8.1	6.8	5.2	4.3
-70°	21.5	18.4	16.3	13.9	11.4	9.1	7.4	6.2	5.0	4.2	3.4
-72.5°	14.8	13.3	11.7	9.8	8.2	6.8	5.4	4.4	3.9	3.3	2.4
-75°	9.6	8.8	7.9	6.8	5.5	4.4	3.9	3.4	2.9	2.3	2.2
-77.5°	6.3	5.5	4.7	4.2	3.7	3.3	2.9	2.4	2.2	2.2	2.2
-80°	3.8	3.5	3.2	2.9	2.5	2.2	2.2	2.2	2.2	2.2	2.2
-82.5°	2.3	2.1	2.0	1.9	1.9	1.9	2.0	2.2	2.2	2.2	2.0
-85°	1.5	1.4	1.3	1.3	1.4	1.7	1.8	1.9	1.7	1.5	1.3
-87.5°	0.7	0.7	0.7	0.6	0.7	0.8	0.9	0.9	0.8	0.8	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



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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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
80°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
77.5°	2.2	2.2	1.9	1.4	1.0	0.5	0.0
75°	2.2	2.2	2.2	1.7	1.1	0.6	0.0
72.5°	2.2	2.2	2.2	2.0	1.3	0.7	0.0
70°	2.3	2.2	2.2	2.2	1.5	0.8	0.0
67.5°	3.2	2.2	2.2	2.2	1.7	0.8	0.0
65°	4.0	2.6	2.2	2.2	1.9	0.9	0.0
62.5°	4.9	3.3	2.2	2.2	2.0	1.0	0.0
60°	5.7	4.1	2.2	2.2	2.2	1.1	0.0
57.5°	7.2	4.8	2.8	2.2	2.2	1.2	0.0
55°	8.7	5.5	3.4	2.2	2.2	1.3	0.0
52.5°	10.3	6.4	4.0	2.2	2.3	1.3	0.0
50°	11.9	7.8	4.6	2.2	2.3	1.4	0.0
47.5°	13.7	9.2	5.1	2.3	2.3	1.5	0.0
45°	16.2	10.6	5.7	2.7	2.3	1.6	0.0
42.5°	18.7	12.0	6.3	3.1	2.4	1.6	0.0
40°	21.3	13.5	7.1	3.5	2.4	1.7	0.0
37.5°	23.9	14.9	8.2	3.9	2.5	1.7	0.0
35°	26.5	16.7	9.3	4.3	2.5	1.8	0.0
32.5°	29.3	18.8	10.3	4.6	2.6	1.9	0.0
30°	32.3	20.8	11.3	4.8	2.6	1.9	0.0
27.5°	35.4	22.8	12.0	5.1	2.7	2.0	0.0
25°	38.4	24.7	12.5	5.3	2.8	2.0	0.0
22.5°	41.3	26.2	12.9	5.4	2.8	2.0	0.0
20°	44.1	26.8	13.2	5.6	2.9	2.1	0.0
17.5°	45.6	27.1	13.4	5.6	3.0	2.1	0.0
15°	46.2	27.3	13.5	5.7	3.0	2.1	0.0
12.5°	46.5	27.3	13.5	5.7	3.1	2.1	0.0
10°	46.6	27.1	13.4	5.8	3.2	2.2	0.0
7.5°	46.5	26.7	13.2	5.7	3.2	2.2	0.0
5°	46.2	26.2	13.0	5.7	3.3	2.2	0.0
2.5°	45.7	25.5	12.7	5.7	3.3	2.2	0.0
0°	44.9	24.7	12.3	5.6	3.4	2.2	0.0
-2.5°	45.7	25.5	12.7	5.7	3.3	2.2	0.0
-5°	46.2	26.2	13.0	5.7	3.3	2.2	0.0
-7.5°	46.5	26.7	13.2	5.7	3.2	2.2	0.0
-10°	46.6	27.1	13.4	5.8	3.2	2.2	0.0
-12.5°	46.5	27.3	13.5	5.7	3.1	2.1	0.0
-15°	46.2	27.3	13.5	5.7	3.0	2.1	0.0
-17.5°	45.6	27.1	13.4	5.6	3.0	2.1	0.0
-20°	44.1	26.8	13.2	5.6	2.9	2.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.3	26.2	12.9	5.4	2.8	2.0	0.0
-25°	38.4	24.7	12.5	5.3	2.8	2.0	0.0
-27.5°	35.4	22.8	12.0	5.1	2.7	2.0	0.0
-30°	32.3	20.8	11.3	4.8	2.6	1.9	0.0
-32.5°	29.3	18.8	10.3	4.6	2.6	1.9	0.0
-35°	26.5	16.7	9.3	4.3	2.5	1.8	0.0
-37.5°	23.9	14.9	8.2	3.9	2.5	1.7	0.0
-40°	21.3	13.5	7.1	3.5	2.4	1.7	0.0
-42.5°	18.7	12.0	6.3	3.1	2.4	1.6	0.0
-45°	16.2	10.6	5.7	2.7	2.3	1.6	0.0
-47.5°	13.7	9.2	5.1	2.3	2.3	1.5	0.0
-50°	11.9	7.8	4.6	2.2	2.3	1.4	0.0
-52.5°	10.3	6.4	4.0	2.2	2.3	1.3	0.0
-55°	8.7	5.5	3.4	2.2	2.2	1.3	0.0
-57.5°	7.2	4.8	2.8	2.2	2.2	1.2	0.0
-60°	5.7	4.1	2.2	2.2	2.2	1.1	0.0
-62.5°	4.9	3.3	2.2	2.2	2.0	1.0	0.0
-65°	4.0	2.6	2.2	2.2	1.9	0.9	0.0
-67.5°	3.2	2.2	2.2	2.2	1.7	0.8	0.0
-70°	2.3	2.2	2.2	2.2	1.5	0.8	0.0
-72.5°	2.2	2.2	2.2	2.0	1.3	0.7	0.0
-75°	2.2	2.2	2.2	1.7	1.1	0.6	0.0
-77.5°	2.2	2.2	1.9	1.4	1.0	0.5	0.0
-80°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
-82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	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)