

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: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558921 (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-SA4C-930-U-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

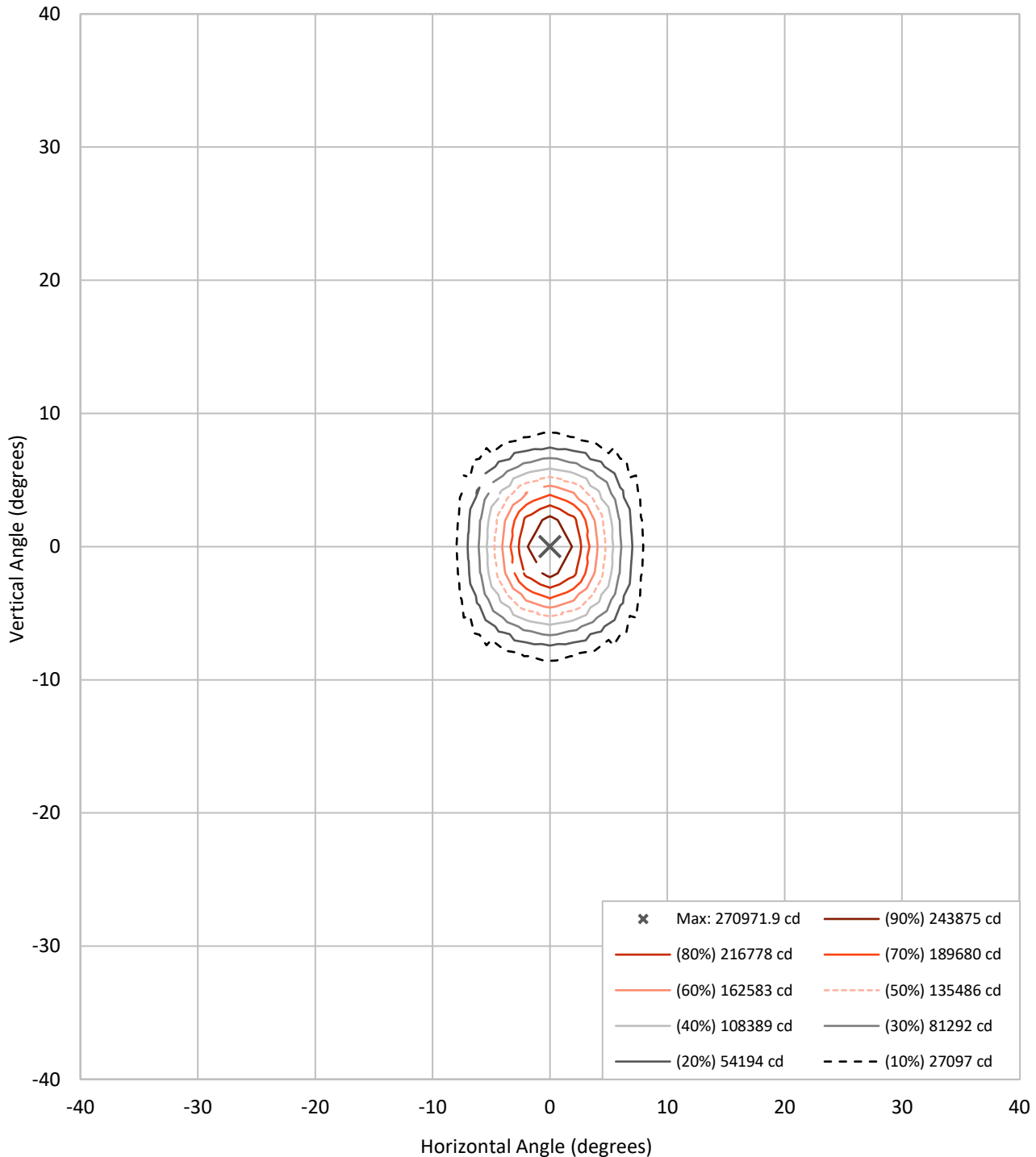
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10552.2 lumens	Max Intensity:	270971.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4522.9 lumens	Field Lumens:	7795.1 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 164
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





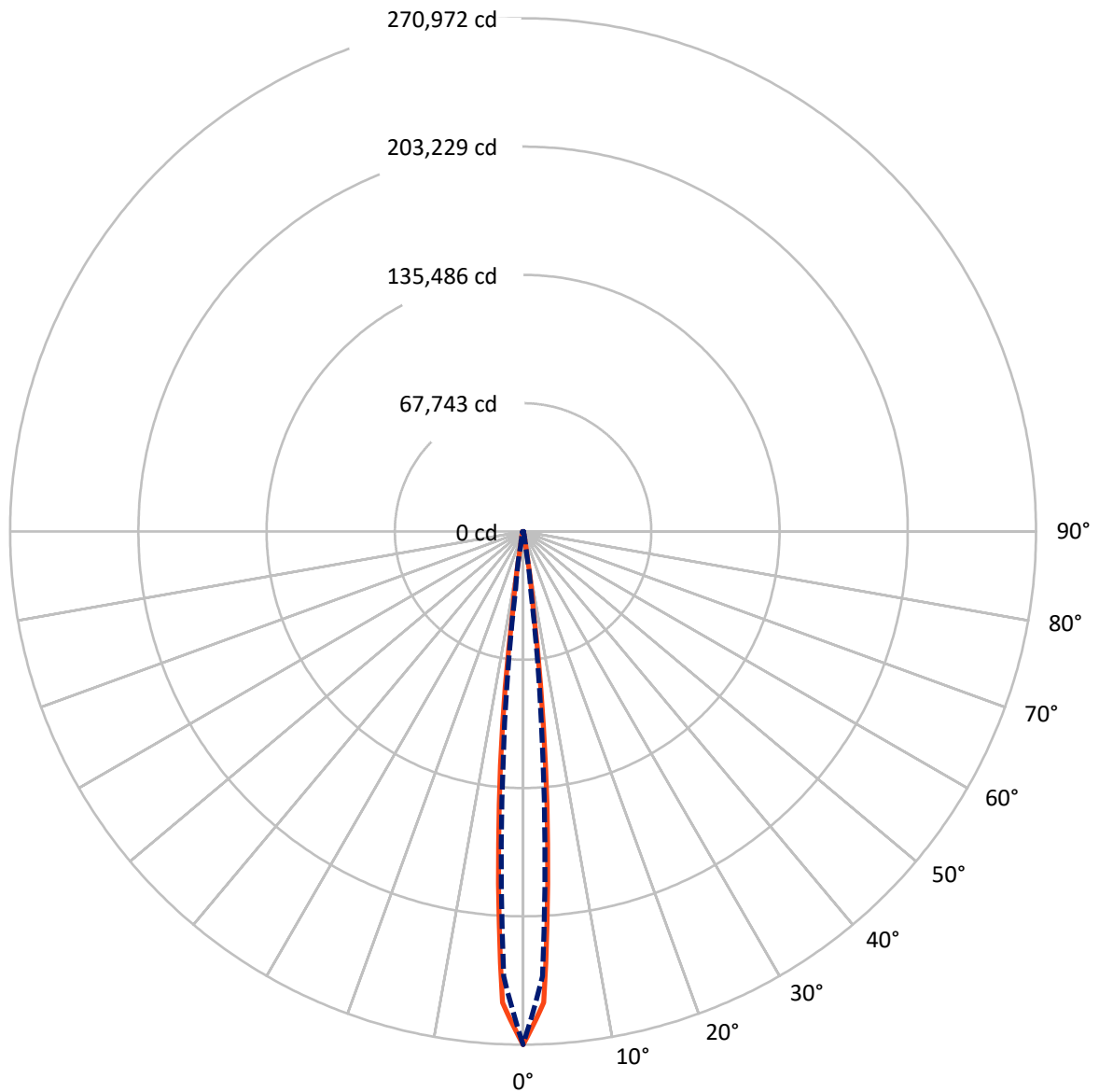
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Lumen Table

90	0.0	0.3	1.1	2.6	4.4	2.6	1.1	0.3	0.0							
80	0.0	0.3	1.1	2.6	4.4	2.6	1.1	0.3	0.0							
70	0.2	0.2	0.6	1.2	1.8	2.3	3.7	6.6	6.6	3.7	2.3	1.8	1.2	0.6	0.2	0.2
60		0.4	1.0	2.2	3.4	4.7	6.3	8.5	8.5	6.3	4.7	3.4	2.2	1.0	0.4	
50	0.5	0.7	1.6	3.4	6.0	9.0	11.5	13.7	13.7	11.5	9.0	6.0	3.4	1.6	0.7	0.5
40		1.2	2.4	5.1	9.3	12.5	14.1	15.0	15.0	14.1	12.5	9.3	5.1	2.4	1.2	
30	1.1	1.7	3.3	7.3	11.4	13.6	18.5	24.3	24.3	18.5	13.6	11.4	7.3	3.3	1.7	1.1
20		2.3	4.5	9.2	12.6	17.9	36.3	72.5	72.5	36.3	17.9	12.6	9.2	4.5	2.3	
10	1.2	2.6	5.4	10.2	13.1	22.9	71.7	2120.1	2120.1	71.7	22.9	13.1	10.2	5.4	2.6	1.2
0		2.6	5.4	10.2	13.1	22.9	71.7	2120.1	2120.1	71.7	22.9	13.1	10.2	5.4	2.6	
-10	1.1	2.3	4.5	9.2	12.6	17.9	36.3	72.5	72.5	36.3	17.9	12.6	9.2	4.5	2.3	1.1
-20		1.7	3.3	7.3	11.4	13.6	18.5	24.3	24.3	18.5	13.6	11.4	7.3	3.3	1.7	
-30	0.5	1.2	2.4	5.1	9.3	12.5	14.1	15.0	15.0	14.1	12.5	9.3	5.1	2.4	1.2	0.5
-40		0.7	1.6	3.4	6.0	9.0	11.5	13.7	13.7	11.5	9.0	6.0	3.4	1.6	0.7	
-50	0.2	0.4	1.0	2.2	3.4	4.7	6.3	8.5	8.5	6.3	4.7	3.4	2.2	1.0	0.4	0.2
-60		0.2	0.6	1.2	1.8	2.3	3.7	6.6	6.6	3.7	2.3	1.8	1.2	0.6	0.2	
-70	0.0	0.3	1.1	2.6	4.4	2.6	1.1	0.3	0.0							
-80		0.0	0.3	1.1	2.6	4.4	2.6	1.1	0.3	0.0						
-90	0.0	0.3	1.1	2.6	4.4	2.6	1.1	0.3	0.0							

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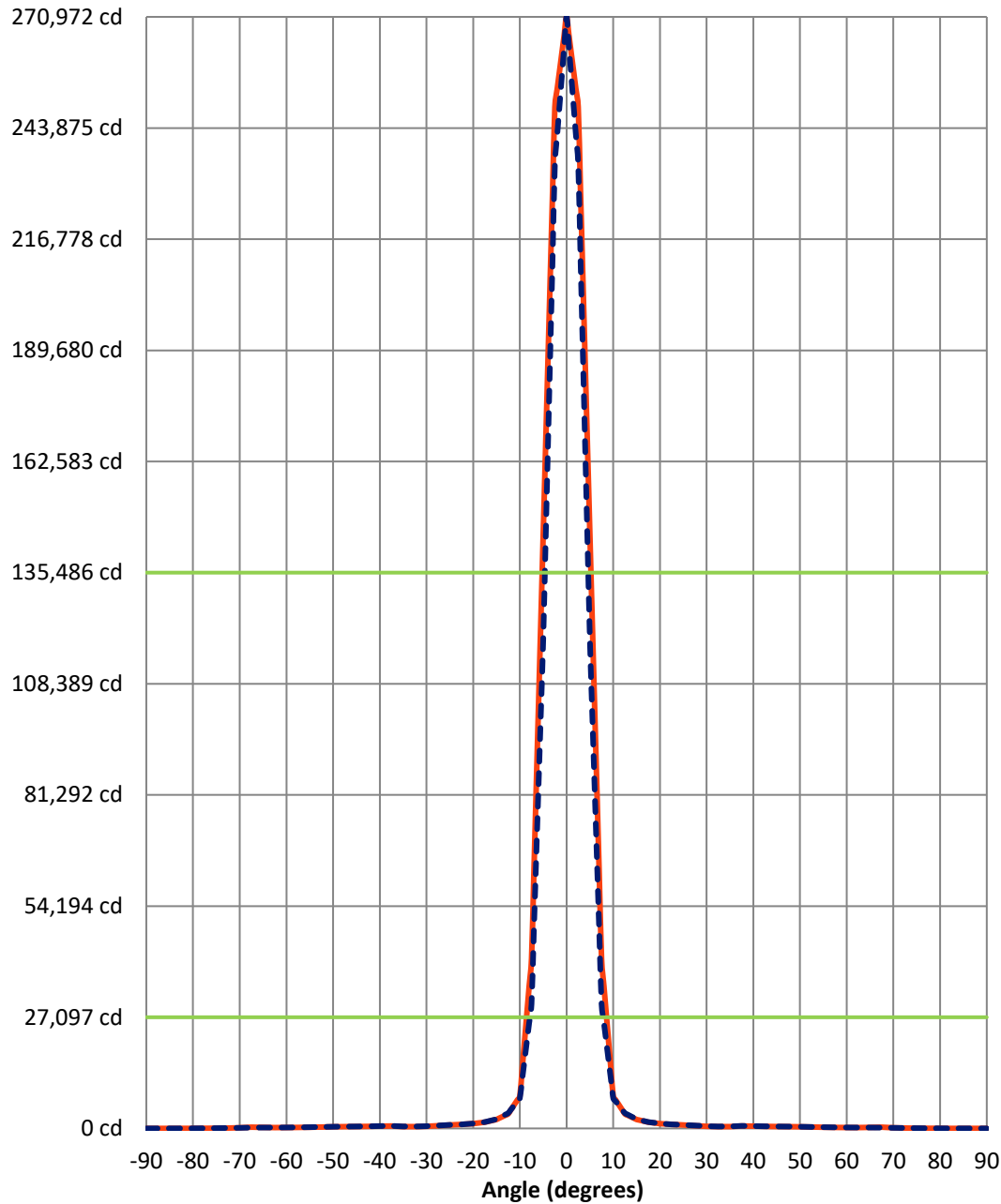
Luminous Intensity Polar Plot



— 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: 4522.9
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 7795.1
Efficiency: 73.9%

Spill:
Lumens: 2757.1
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	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.1	3.1
80°	0.0	0.5	1.1	1.6	2.1	2.7	3.1	3.1	3.1	3.1	3.1
77.5°	0.0	0.7	1.3	2.0	2.7	3.1	3.1	3.1	3.1	3.1	3.4
75°	0.0	0.8	1.6	2.4	3.1	3.1	3.1	3.1	3.2	4.1	4.7
72.5°	0.0	0.9	1.9	2.8	3.1	3.1	3.1	3.4	4.5	5.4	6.1
70°	0.0	1.1	2.1	3.1	3.1	3.1	3.2	4.7	5.9	6.8	8.4
67.5°	0.0	1.2	2.4	3.1	3.1	3.1	4.4	5.9	7.2	9.3	11.1
65°	0.0	1.3	2.6	3.1	3.1	3.6	5.6	7.2	9.5	11.8	14.1
62.5°	0.0	1.4	2.9	3.1	3.1	4.6	6.7	9.1	11.9	14.6	18.1
60°	0.0	1.5	3.1	3.1	3.1	5.6	7.9	11.2	14.2	18.4	22.2
57.5°	0.0	1.7	3.1	3.1	3.9	6.6	9.8	13.3	17.5	22.3	26.9
55°	0.0	1.8	3.1	3.1	4.7	7.6	12.0	15.6	21.1	26.4	31.9
52.5°	0.0	1.9	3.2	3.1	5.5	8.8	14.1	19.0	24.7	31.2	37.0
50°	0.0	2.0	3.2	3.1	6.3	10.7	16.4	22.7	28.6	36.0	43.2
47.5°	0.0	2.1	3.2	3.2	7.1	12.6	18.8	26.6	33.0	41.0	49.7
45°	0.0	2.2	3.3	3.8	7.8	14.6	22.2	30.5	38.3	47.1	56.4
42.5°	0.0	2.3	3.3	4.4	8.6	16.6	25.7	35.1	43.8	53.4	64.4
40°	0.0	2.4	3.4	4.9	9.7	18.5	29.3	40.0	49.9	59.9	72.8
37.5°	0.0	2.5	3.4	5.4	11.2	20.5	32.9	45.1	56.8	68.2	81.5
35°	0.0	2.5	3.5	5.9	12.7	23.0	36.5	50.3	63.8	77.7	89.9
32.5°	0.0	2.6	3.6	6.3	14.2	25.8	40.3	55.5	70.8	87.6	100.5
30°	0.0	2.7	3.6	6.7	15.6	28.6	44.5	60.9	77.9	97.9	112.5
27.5°	0.0	2.7	3.7	7.0	16.5	31.3	48.6	66.7	85.6	108.4	125.6
25°	0.0	2.8	3.8	7.2	17.2	34.0	52.7	72.5	94.2	119.3	139.8
22.5°	0.0	2.9	3.9	7.5	17.8	36.1	56.7	78.1	102.9	130.9	151.8
20°	0.0	2.9	4.0	7.6	18.2	36.8	60.7	83.7	111.4	142.9	163.6
17.5°	0.0	3.0	4.1	7.8	18.4	37.3	62.7	89.0	119.9	155.3	175.3
15°	0.0	3.0	4.1	7.8	18.6	37.5	63.5	92.8	128.1	167.8	186.6
12.5°	0.0	3.0	4.2	7.9	18.6	37.5	63.9	94.8	133.5	180.3	197.8
10°	0.0	3.1	4.3	7.9	18.5	37.2	64.1	96.6	136.2	185.1	205.7
7.5°	0.0	3.1	4.4	7.9	18.2	36.7	64.0	98.1	138.2	188.0	207.1
5°	0.0	3.1	4.5	7.9	17.9	35.9	63.5	99.2	139.6	189.9	208.2
2.5°	0.0	3.1	4.5	7.8	17.5	35.0	62.8	99.9	140.3	191.0	209.1
0°	0.0	3.1	4.6	7.7	17.0	33.9	61.7	100.2	140.3	191.1	209.6
-2.5°	0.0	3.1	4.5	7.8	17.5	35.0	62.8	99.9	140.3	191.0	209.1
-5°	0.0	3.1	4.5	7.9	17.9	35.9	63.5	99.2	139.6	189.9	208.2
-7.5°	0.0	3.1	4.4	7.9	18.2	36.7	64.0	98.1	138.2	188.0	207.1
-10°	0.0	3.1	4.3	7.9	18.5	37.2	64.1	96.6	136.2	185.1	205.7
-12.5°	0.0	3.0	4.2	7.9	18.6	37.5	63.9	94.8	133.5	180.3	197.8
-15°	0.0	3.0	4.1	7.8	18.6	37.5	63.5	92.8	128.1	167.8	186.6
-17.5°	0.0	3.0	4.1	7.8	18.4	37.3	62.7	89.0	119.9	155.3	175.3
-20°	0.0	2.9	4.0	7.6	18.2	36.8	60.7	83.7	111.4	142.9	163.6



REPORT NUMBER: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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	2.9	3.9	7.5	17.8	36.1	56.7	78.1	102.9	130.9	151.8
-25°	0.0	2.8	3.8	7.2	17.2	34.0	52.7	72.5	94.2	119.3	139.8
-27.5°	0.0	2.7	3.7	7.0	16.5	31.3	48.6	66.7	85.6	108.4	125.6
-30°	0.0	2.7	3.6	6.7	15.6	28.6	44.5	60.9	77.9	97.9	112.5
-32.5°	0.0	2.6	3.6	6.3	14.2	25.8	40.3	55.5	70.8	87.6	100.5
-35°	0.0	2.5	3.5	5.9	12.7	23.0	36.5	50.3	63.8	77.7	89.9
-37.5°	0.0	2.5	3.4	5.4	11.2	20.5	32.9	45.1	56.8	68.2	81.5
-40°	0.0	2.4	3.4	4.9	9.7	18.5	29.3	40.0	49.9	59.9	72.8
-42.5°	0.0	2.3	3.3	4.4	8.6	16.6	25.7	35.1	43.8	53.4	64.4
-45°	0.0	2.2	3.3	3.8	7.8	14.6	22.2	30.5	38.3	47.1	56.4
-47.5°	0.0	2.1	3.2	3.2	7.1	12.6	18.8	26.6	33.0	41.0	49.7
-50°	0.0	2.0	3.2	3.1	6.3	10.7	16.4	22.7	28.6	36.0	43.2
-52.5°	0.0	1.9	3.2	3.1	5.5	8.8	14.1	19.0	24.7	31.2	37.0
-55°	0.0	1.8	3.1	3.1	4.7	7.6	12.0	15.6	21.1	26.4	31.9
-57.5°	0.0	1.7	3.1	3.1	3.9	6.6	9.8	13.3	17.5	22.3	26.9
-60°	0.0	1.5	3.1	3.1	3.1	5.6	7.9	11.2	14.2	18.4	22.2
-62.5°	0.0	1.4	2.9	3.1	3.1	4.6	6.7	9.1	11.9	14.6	18.1
-65°	0.0	1.3	2.6	3.1	3.1	3.6	5.6	7.2	9.5	11.8	14.1
-67.5°	0.0	1.2	2.4	3.1	3.1	3.1	4.4	5.9	7.2	9.3	11.1
-70°	0.0	1.1	2.1	3.1	3.1	3.1	3.2	4.7	5.9	6.8	8.4
-72.5°	0.0	0.9	1.9	2.8	3.1	3.1	3.1	3.4	4.5	5.4	6.1
-75°	0.0	0.8	1.6	2.4	3.1	3.1	3.1	3.1	3.2	4.1	4.7
-77.5°	0.0	0.7	1.3	2.0	2.7	3.1	3.1	3.1	3.1	3.1	3.4
-80°	0.0	0.5	1.1	1.6	2.1	2.7	3.1	3.1	3.1	3.1	3.1
-82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.1	3.1
-85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-87.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA4C-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°	1.2	1.2	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	2.5	2.3	2.0	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.4
82.5°	2.9	2.7	2.6	2.7	2.8	3.0	3.2	3.5	3.7	4.0	4.3
80°	3.0	3.1	3.5	4.0	4.4	4.8	5.3	5.6	6.0	6.6	7.4
77.5°	4.0	4.6	5.2	5.7	6.4	7.6	8.6	9.4	10.5	11.8	13.1
75°	5.4	6.1	7.6	9.3	10.9	12.1	13.2	14.8	16.9	19.1	21.3
72.5°	7.4	9.3	11.3	13.5	16.1	18.3	20.4	22.4	25.7	29.3	32.0
70°	10.2	12.4	15.6	19.2	22.5	25.4	29.6	34.6	39.7	42.2	43.8
67.5°	13.1	16.8	20.7	24.9	29.5	34.3	40.1	45.6	50.7	52.8	54.8
65°	17.0	21.2	26.0	31.2	36.5	42.3	48.2	54.2	59.7	62.4	65.6
62.5°	21.0	26.0	31.5	37.3	43.2	49.4	56.6	62.7	67.4	72.9	79.4
60°	25.8	30.8	37.1	43.5	50.2	58.9	66.2	73.0	79.2	85.6	95.3
57.5°	30.9	35.7	42.7	50.2	59.5	69.4	77.7	85.0	93.7	102.6	112.5
55°	36.4	40.7	48.6	57.9	68.6	80.4	90.1	100.1	110.1	118.1	126.9
52.5°	42.7	46.7	54.9	65.7	78.1	91.4	104.2	114.6	123.9	132.7	142.7
50°	49.3	54.4	61.1	74.0	87.8	102.8	117.4	127.9	138.4	148.8	160.0
47.5°	57.0	62.6	68.3	82.2	97.9	113.2	128.3	141.7	153.4	167.2	180.1
45°	65.4	72.0	78.0	91.0	107.1	122.7	139.4	155.6	171.9	188.3	208.8
42.5°	74.3	81.5	89.2	99.2	115.3	132.6	150.5	172.0	192.8	215.6	242.2
40°	82.9	90.9	100.1	109.1	123.4	142.7	164.5	188.7	217.9	247.4	279.7
37.5°	91.4	100.5	110.4	119.8	132.4	154.1	178.2	209.0	244.2	281.5	322.6
35°	99.6	109.8	119.8	130.9	145.0	166.1	195.9	230.8	273.0	320.2	357.8
32.5°	107.7	118.6	128.8	142.2	159.6	181.2	212.9	256.9	305.6	353.5	378.6
30°	117.8	126.6	137.7	152.8	173.8	201.3	235.7	283.2	338.6	371.3	394.6
27.5°	131.3	134.4	147.1	164.7	188.4	221.1	263.9	313.2	359.1	387.7	408.7
25°	144.6	147.8	155.8	176.7	206.0	244.5	292.6	348.8	376.0	400.3	424.5
22.5°	157.3	160.7	170.8	188.0	222.9	268.4	324.3	373.5	399.4	414.8	441.1
20°	169.3	174.5	186.9	206.9	240.4	290.9	355.0	396.3	421.0	439.5	463.7
17.5°	180.8	188.1	203.3	227.6	264.9	316.3	382.9	419.1	443.2	461.1	491.0
15°	191.9	201.3	219.0	246.9	287.7	343.4	401.5	437.7	463.7	481.3	516.3
12.5°	202.7	214.1	234.0	264.8	308.3	367.1	417.4	449.8	475.7	502.6	538.7
10°	213.2	226.6	248.3	281.5	326.7	387.5	430.6	459.5	485.3	519.6	557.3
7.5°	214.7	232.8	260.0	296.8	343.0	404.8	441.4	467.1	495.1	535.1	574.1
5°	214.8	232.4	260.9	300.7	350.8	415.0	449.1	472.8	504.5	549.0	589.1
2.5°	214.6	231.3	261.1	302.0	352.7	416.1	450.2	474.3	509.9	562.6	602.9
0°	214.3	229.7	260.5	302.1	353.0	414.7	450.1	474.8	513.3	575.0	615.1
-2.5°	214.6	231.3	261.1	302.0	352.7	416.1	450.2	474.3	509.9	562.6	602.9
-5°	214.8	232.4	260.9	300.7	350.8	415.0	449.1	472.8	504.5	549.0	589.1
-7.5°	214.7	232.8	260.0	296.8	343.0	404.8	441.4	467.1	495.1	535.1	574.1
-10°	213.2	226.6	248.3	281.5	326.7	387.5	430.6	459.5	485.3	519.6	557.3
-12.5°	202.7	214.1	234.0	264.8	308.3	367.1	417.4	449.8	475.7	502.6	538.7
-15°	191.9	201.3	219.0	246.9	287.7	343.4	401.5	437.7	463.7	481.3	516.3
-17.5°	180.8	188.1	203.3	227.6	264.9	316.3	382.9	419.1	443.2	461.1	491.0
-20°	169.3	174.5	186.9	206.9	240.4	290.9	355.0	396.3	421.0	439.5	463.7



REPORT NUMBER: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	157.3	160.7	170.8	188.0	222.9	268.4	324.3	373.5	399.4	414.8	441.1
-25°	144.6	147.8	155.8	176.7	206.0	244.5	292.6	348.8	376.0	400.3	424.5
-27.5°	131.3	134.4	147.1	164.7	188.4	221.1	263.9	313.2	359.1	387.7	408.7
-30°	117.8	126.6	137.7	152.8	173.8	201.3	235.7	283.2	338.6	371.3	394.6
-32.5°	107.7	118.6	128.8	142.2	159.6	181.2	212.9	256.9	305.6	353.5	378.6
-35°	99.6	109.8	119.8	130.9	145.0	166.1	195.9	230.8	273.0	320.2	357.8
-37.5°	91.4	100.5	110.4	119.8	132.4	154.1	178.2	209.0	244.2	281.5	322.6
-40°	82.9	90.9	100.1	109.1	123.4	142.7	164.5	188.7	217.9	247.4	279.7
-42.5°	74.3	81.5	89.2	99.2	115.3	132.6	150.5	172.0	192.8	215.6	242.2
-45°	65.4	72.0	78.0	91.0	107.1	122.7	139.4	155.6	171.9	188.3	208.8
-47.5°	57.0	62.6	68.3	82.2	97.9	113.2	128.3	141.7	153.4	167.2	180.1
-50°	49.3	54.4	61.1	74.0	87.8	102.8	117.4	127.9	138.4	148.8	160.0
-52.5°	42.7	46.7	54.9	65.7	78.1	91.4	104.2	114.6	123.9	132.7	142.7
-55°	36.4	40.7	48.6	57.9	68.6	80.4	90.1	100.1	110.1	118.1	126.9
-57.5°	30.9	35.7	42.7	50.2	59.5	69.4	77.7	85.0	93.7	102.6	112.5
-60°	25.8	30.8	37.1	43.5	50.2	58.9	66.2	73.0	79.2	85.6	95.3
-62.5°	21.0	26.0	31.5	37.3	43.2	49.4	56.6	62.7	67.4	72.9	79.4
-65°	17.0	21.2	26.0	31.2	36.5	42.3	48.2	54.2	59.7	62.4	65.6
-67.5°	13.1	16.8	20.7	24.9	29.5	34.3	40.1	45.6	50.7	52.8	54.8
-70°	10.2	12.4	15.6	19.2	22.5	25.4	29.6	34.6	39.7	42.2	43.8
-72.5°	7.4	9.3	11.3	13.5	16.1	18.3	20.4	22.4	25.7	29.3	32.0
-75°	5.4	6.1	7.6	9.3	10.9	12.1	13.2	14.8	16.9	19.1	21.3
-77.5°	4.0	4.6	5.2	5.7	6.4	7.6	8.6	9.4	10.5	11.8	13.1
-80°	3.0	3.1	3.5	4.0	4.4	4.8	5.3	5.6	6.0	6.6	7.4
-82.5°	2.9	2.7	2.6	2.7	2.8	3.0	3.2	3.5	3.7	4.0	4.3
-85°	2.5	2.3	2.0	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.4
-87.5°	1.2	1.2	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
-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: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
82.5°	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.8	5.9	6.0	6.1
80°	8.3	8.9	9.4	9.8	10.0	11.1	12.5	13.9	15.4	16.0	16.3
77.5°	14.7	15.8	16.5	17.0	17.3	19.7	22.8	26.1	29.4	31.1	32.6
75°	23.4	24.7	25.5	26.1	26.5	30.2	35.6	41.4	47.3	50.4	52.6
72.5°	33.9	34.9	35.8	36.5	37.0	42.4	52.3	63.0	74.4	81.4	86.4
70°	45.1	46.3	47.3	48.1	48.8	55.3	69.6	84.6	100.1	115.6	132.1
67.5°	57.0	59.6	60.9	61.7	62.5	68.1	83.3	97.4	110.5	138.5	182.6
65°	70.0	75.9	78.4	79.8	80.4	82.9	96.0	107.7	118.3	140.1	173.8
62.5°	86.6	94.4	98.0	99.6	100.6	100.8	111.4	121.3	130.3	143.9	165.3
60°	104.4	112.9	117.4	118.6	119.4	119.7	128.2	137.9	147.0	158.1	178.0
57.5°	120.8	128.7	135.3	137.9	139.9	141.4	148.9	160.3	171.0	182.1	203.6
55°	136.4	146.0	155.1	160.2	164.9	169.0	176.4	190.9	204.7	217.7	240.0
52.5°	153.4	165.7	177.9	187.0	196.0	203.8	211.8	230.5	248.9	266.2	287.9
50°	173.8	189.0	206.7	221.7	234.5	247.1	258.5	280.6	305.6	329.2	352.0
47.5°	199.5	219.6	242.3	263.6	281.0	300.6	318.4	341.2	363.2	385.2	404.0
45°	231.1	258.9	285.1	313.4	338.2	351.2	361.5	375.6	398.3	419.9	437.5
42.5°	271.6	303.9	336.1	357.2	373.1	383.6	391.1	398.6	422.3	443.2	460.2
40°	316.6	349.1	368.9	386.1	397.2	406.6	418.3	429.9	448.6	469.9	488.9
37.5°	355.6	376.4	393.8	407.4	420.8	433.3	450.2	466.8	484.5	508.6	526.2
35°	379.6	397.9	415.6	432.6	449.7	468.9	490.1	514.6	536.3	516.6	488.0
32.5°	397.9	416.7	438.1	464.3	487.9	514.1	540.6	498.0	454.3	437.3	440.8
30°	413.9	435.7	465.2	499.4	532.2	520.5	462.2	441.9	447.9	459.9	482.9
27.5°	431.0	458.2	494.1	536.2	510.3	445.9	449.3	461.1	501.0	534.8	586.3
25°	451.2	484.0	528.5	509.1	450.0	456.2	486.0	531.0	607.1	678.0	740.1
22.5°	475.5	517.4	523.2	450.1	458.1	497.2	557.8	655.4	747.8	833.5	897.5
20°	500.3	548.5	474.4	458.9	493.2	563.0	675.5	787.6	890.7	967.4	1031.4
17.5°	529.9	512.9	460.4	476.9	546.3	666.8	793.5	912.2	1009.5	1142.0	1254.9
15°	555.9	478.6	468.9	523.1	627.5	763.1	900.8	1007.5	1183.2	1373.1	1565.2
12.5°	541.0	466.5	483.9	564.3	701.5	848.1	969.8	1138.7	1371.2	1648.6	2065.5
10°	519.0	473.3	516.1	621.3	764.9	907.7	1034.1	1255.6	1562.3	2071.9	2728.3
7.5°	501.9	476.2	537.4	665.1	812.0	943.6	1112.2	1380.8	1808.4	2507.4	3905.0
5°	489.0	476.1	547.1	690.4	840.0	968.5	1160.4	1471.8	2049.4	3045.4	5433.6
2.5°	483.2	473.6	549.8	704.0	853.7	982.3	1190.3	1537.2	2201.6	3545.1	7144.9
0°	487.1	468.6	548.8	709.1	861.7	980.4	1194.7	1556.9	2247.5	3729.7	7374.6
-2.5°	483.2	473.6	549.8	704.0	853.7	982.3	1190.3	1537.2	2201.6	3545.1	7144.9
-5°	489.0	476.1	547.1	690.4	840.0	968.5	1160.4	1471.8	2049.4	3045.4	5433.6
-7.5°	501.9	476.2	537.4	665.1	812.0	943.6	1112.2	1380.8	1808.4	2507.4	3905.0
-10°	519.0	473.3	516.1	621.3	764.9	907.7	1034.1	1255.6	1562.3	2071.9	2728.3
-12.5°	541.0	466.5	483.9	564.3	701.5	848.1	969.8	1138.7	1371.2	1648.6	2065.5
-15°	555.9	478.6	468.9	523.1	627.5	763.1	900.8	1007.5	1183.2	1373.1	1565.2
-17.5°	529.9	512.9	460.4	476.9	546.3	666.8	793.5	912.2	1009.5	1142.0	1254.9
-20°	500.3	548.5	474.4	458.9	493.2	563.0	675.5	787.6	890.7	967.4	1031.4



REPORT NUMBER: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	475.5	517.4	523.2	450.1	458.1	497.2	557.8	655.4	747.8	833.5	897.5
-25°	451.2	484.0	528.5	509.1	450.0	456.2	486.0	531.0	607.1	678.0	740.1
-27.5°	431.0	458.2	494.1	536.2	510.3	445.9	449.3	461.1	501.0	534.8	586.3
-30°	413.9	435.7	465.2	499.4	532.2	520.5	462.2	441.9	447.9	459.9	482.9
-32.5°	397.9	416.7	438.1	464.3	487.9	514.1	540.6	498.0	454.3	437.3	440.8
-35°	379.6	397.9	415.6	432.6	449.7	468.9	490.1	514.6	536.3	516.6	488.0
-37.5°	355.6	376.4	393.8	407.4	420.8	433.3	450.2	466.8	484.5	508.6	526.2
-40°	316.6	349.1	368.9	386.1	397.2	406.6	418.3	429.9	448.6	469.9	488.9
-42.5°	271.6	303.9	336.1	357.2	373.1	383.6	391.1	398.6	422.3	443.2	460.2
-45°	231.1	258.9	285.1	313.4	338.2	351.2	361.5	375.6	398.3	419.9	437.5
-47.5°	199.5	219.6	242.3	263.6	281.0	300.6	318.4	341.2	363.2	385.2	404.0
-50°	173.8	189.0	206.7	221.7	234.5	247.1	258.5	280.6	305.6	329.2	352.0
-52.5°	153.4	165.7	177.9	187.0	196.0	203.8	211.8	230.5	248.9	266.2	287.9
-55°	136.4	146.0	155.1	160.2	164.9	169.0	176.4	190.9	204.7	217.7	240.0
-57.5°	120.8	128.7	135.3	137.9	139.9	141.4	148.9	160.3	171.0	182.1	203.6
-60°	104.4	112.9	117.4	118.6	119.4	119.7	128.2	137.9	147.0	158.1	178.0
-62.5°	86.6	94.4	98.0	99.6	100.6	100.8	111.4	121.3	130.3	143.9	165.3
-65°	70.0	75.9	78.4	79.8	80.4	82.9	96.0	107.7	118.3	140.1	173.8
-67.5°	57.0	59.6	60.9	61.7	62.5	68.1	83.3	97.4	110.5	138.5	182.6
-70°	45.1	46.3	47.3	48.1	48.8	55.3	69.6	84.6	100.1	115.6	132.1
-72.5°	33.9	34.9	35.8	36.5	37.0	42.4	52.3	63.0	74.4	81.4	86.4
-75°	23.4	24.7	25.5	26.1	26.5	30.2	35.6	41.4	47.3	50.4	52.6
-77.5°	14.7	15.8	16.5	17.0	17.3	19.7	22.8	26.1	29.4	31.1	32.6
-80°	8.3	8.9	9.4	9.8	10.0	11.1	12.5	13.9	15.4	16.0	16.3
-82.5°	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.8	5.9	6.0	6.1
-85°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
82.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.0	5.9	5.8
80°	16.6	16.8	16.2	15.4	16.2	16.8	16.6	16.3	16.0	15.4	13.9
77.5°	33.9	35.1	33.9	32.4	33.9	35.1	33.9	32.6	31.1	29.4	26.1
75°	54.6	56.4	55.4	54.0	55.4	56.4	54.6	52.6	50.4	47.3	41.4
72.5°	91.2	95.7	94.6	92.5	94.6	95.7	91.2	86.4	81.4	74.4	63.0
70°	149.4	166.9	166.2	161.9	166.2	166.9	149.4	132.1	115.6	100.1	84.6
67.5°	230.3	280.0	295.8	303.7	295.8	280.0	230.3	182.6	138.5	110.5	97.4
65°	205.1	235.1	247.0	255.9	247.0	235.1	205.1	173.8	140.1	118.3	107.7
62.5°	184.5	202.3	206.2	206.6	206.2	202.3	184.5	165.3	143.9	130.3	121.3
60°	197.5	216.4	219.2	215.8	219.2	216.4	197.5	178.0	158.1	147.0	137.9
57.5°	224.3	244.1	247.8	243.6	247.8	244.1	224.3	203.6	182.1	171.0	160.3
55°	261.3	281.3	288.0	286.7	288.0	281.3	261.3	240.0	217.7	204.7	190.9
52.5°	308.6	327.0	334.7	334.5	334.7	327.0	308.6	287.9	266.2	248.9	230.5
50°	371.9	388.4	396.6	397.7	396.6	388.4	371.9	352.0	329.2	305.6	280.6
47.5°	417.5	428.3	434.0	434.7	434.0	428.3	417.5	404.0	385.2	363.2	341.2
45°	445.4	451.2	455.6	459.4	455.6	451.2	445.4	437.5	419.9	398.3	375.6
42.5°	471.7	483.8	492.8	494.8	492.8	483.8	471.7	460.2	443.2	422.3	398.6
40°	506.8	523.6	539.7	556.5	539.7	523.6	506.8	488.9	469.9	448.6	429.9
37.5°	544.5	563.1	578.6	587.3	578.6	563.1	544.5	526.2	508.6	484.5	466.8
35°	467.9	455.7	448.4	445.5	448.4	455.7	467.9	488.0	516.6	536.3	514.6
32.5°	442.8	443.7	442.2	439.3	442.2	443.7	442.8	440.8	437.3	454.3	498.0
30°	500.0	508.2	509.2	508.7	509.2	508.2	500.0	482.9	459.9	447.9	441.9
27.5°	624.3	645.1	651.6	664.4	651.6	645.1	624.3	586.3	534.8	501.0	461.1
25°	788.0	819.5	834.6	840.1	834.6	819.5	788.0	740.1	678.0	607.1	531.0
22.5°	933.6	957.6	971.6	983.5	971.6	957.6	933.6	897.5	833.5	747.8	655.4
20°	1106.1	1150.0	1170.1	1171.5	1170.1	1150.0	1106.1	1031.4	967.4	890.7	787.6
17.5°	1375.4	1460.8	1503.3	1515.3	1503.3	1460.8	1375.4	1254.9	1142.0	1009.5	912.2
15°	1800.3	2017.9	2129.9	2182.8	2129.9	2017.9	1800.3	1565.2	1373.1	1183.2	1007.5
12.5°	2493.5	2984.1	3380.8	3530.1	3380.8	2984.1	2493.5	2065.5	1648.6	1371.2	1138.7
10°	3866.8	5331.8	7043.2	7841.6	7043.2	5331.8	3866.8	2728.3	2071.9	1562.3	1255.6
7.5°	7480.8	17369.0	33664.1	41437.2	33664.1	17369.0	7480.8	3905.0	2507.4	1808.4	1380.8
5°	15945.6	68815.9	123240.6	144756.6	123240.6	68815.9	15945.6	5433.6	3045.4	2049.4	1471.8
2.5°	25397.8	112867.0	212961.8	249014.7	212961.8	112867.0	25397.8	7144.9	3545.1	2201.6	1537.2
0°	30345.3	118941.0	234998.6	270971.9	234998.6	118941.0	30345.3	7374.6	3729.7	2247.5	1556.9
-2.5°	25397.8	112867.0	212961.8	249014.7	212961.8	112867.0	25397.8	7144.9	3545.1	2201.6	1537.2
-5°	15945.6	68815.9	123240.6	144756.6	123240.6	68815.9	15945.6	5433.6	3045.4	2049.4	1471.8
-7.5°	7480.8	17369.0	33664.1	41437.2	33664.1	17369.0	7480.8	3905.0	2507.4	1808.4	1380.8
-10°	3866.8	5331.8	7043.2	7841.6	7043.2	5331.8	3866.8	2728.3	2071.9	1562.3	1255.6
-12.5°	2493.5	2984.1	3380.8	3530.1	3380.8	2984.1	2493.5	2065.5	1648.6	1371.2	1138.7
-15°	1800.3	2017.9	2129.9	2182.8	2129.9	2017.9	1800.3	1565.2	1373.1	1183.2	1007.5
-17.5°	1375.4	1460.8	1503.3	1515.3	1503.3	1460.8	1375.4	1254.9	1142.0	1009.5	912.2
-20°	1106.1	1150.0	1170.1	1171.5	1170.1	1150.0	1106.1	1031.4	967.4	890.7	787.6



REPORT NUMBER: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	933.6	957.6	971.6	983.5	971.6	957.6	933.6	897.5	833.5	747.8	655.4
-25°	788.0	819.5	834.6	840.1	834.6	819.5	788.0	740.1	678.0	607.1	531.0
-27.5°	624.3	645.1	651.6	664.4	651.6	645.1	624.3	586.3	534.8	501.0	461.1
-30°	500.0	508.2	509.2	508.7	509.2	508.2	500.0	482.9	459.9	447.9	441.9
-32.5°	442.8	443.7	442.2	439.3	442.2	443.7	442.8	440.8	437.3	454.3	498.0
-35°	467.9	455.7	448.4	445.5	448.4	455.7	467.9	488.0	516.6	536.3	514.6
-37.5°	544.5	563.1	578.6	587.3	578.6	563.1	544.5	526.2	508.6	484.5	466.8
-40°	506.8	523.6	539.7	556.5	539.7	523.6	506.8	488.9	469.9	448.6	429.9
-42.5°	471.7	483.8	492.8	494.8	492.8	483.8	471.7	460.2	443.2	422.3	398.6
-45°	445.4	451.2	455.6	459.4	455.6	451.2	445.4	437.5	419.9	398.3	375.6
-47.5°	417.5	428.3	434.0	434.7	434.0	428.3	417.5	404.0	385.2	363.2	341.2
-50°	371.9	388.4	396.6	397.7	396.6	388.4	371.9	352.0	329.2	305.6	280.6
-52.5°	308.6	327.0	334.7	334.5	334.7	327.0	308.6	287.9	266.2	248.9	230.5
-55°	261.3	281.3	288.0	286.7	288.0	281.3	261.3	240.0	217.7	204.7	190.9
-57.5°	224.3	244.1	247.8	243.6	247.8	244.1	224.3	203.6	182.1	171.0	160.3
-60°	197.5	216.4	219.2	215.8	219.2	216.4	197.5	178.0	158.1	147.0	137.9
-62.5°	184.5	202.3	206.2	206.6	206.2	202.3	184.5	165.3	143.9	130.3	121.3
-65°	205.1	235.1	247.0	255.9	247.0	235.1	205.1	173.8	140.1	118.3	107.7
-67.5°	230.3	280.0	295.8	303.7	295.8	280.0	230.3	182.6	138.5	110.5	97.4
-70°	149.4	166.9	166.2	161.9	166.2	166.9	149.4	132.1	115.6	100.1	84.6
-72.5°	91.2	95.7	94.6	92.5	94.6	95.7	91.2	86.4	81.4	74.4	63.0
-75°	54.6	56.4	55.4	54.0	55.4	56.4	54.6	52.6	50.4	47.3	41.4
-77.5°	33.9	35.1	33.9	32.4	33.9	35.1	33.9	32.6	31.1	29.4	26.1
-80°	16.6	16.8	16.2	15.4	16.2	16.8	16.6	16.3	16.0	15.4	13.9
-82.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.0	5.9	5.8
-85°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	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: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
85°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2
82.5°	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.0	3.7	3.5
80°	12.5	11.1	10.0	9.8	9.4	8.9	8.3	7.4	6.6	6.0	5.6
77.5°	22.8	19.7	17.3	17.0	16.5	15.8	14.7	13.1	11.8	10.5	9.4
75°	35.6	30.2	26.5	26.1	25.5	24.7	23.4	21.3	19.1	16.9	14.8
72.5°	52.3	42.4	37.0	36.5	35.8	34.9	33.9	32.0	29.3	25.7	22.4
70°	69.6	55.3	48.8	48.1	47.3	46.3	45.1	43.8	42.2	39.7	34.6
67.5°	83.3	68.1	62.5	61.7	60.9	59.6	57.0	54.8	52.8	50.7	45.6
65°	96.0	82.9	80.4	79.8	78.4	75.9	70.0	65.6	62.4	59.7	54.2
62.5°	111.4	100.8	100.6	99.6	98.0	94.4	86.6	79.4	72.9	67.4	62.7
60°	128.2	119.7	119.4	118.6	117.4	112.9	104.4	95.3	85.6	79.2	73.0
57.5°	148.9	141.4	139.9	137.9	135.3	128.7	120.8	112.5	102.6	93.7	85.0
55°	176.4	169.0	164.9	160.2	155.1	146.0	136.4	126.9	118.1	110.1	100.1
52.5°	211.8	203.8	196.0	187.0	177.9	165.7	153.4	142.7	132.7	123.9	114.6
50°	258.5	247.1	234.5	221.7	206.7	189.0	173.8	160.0	148.8	138.4	127.9
47.5°	318.4	300.6	281.0	263.6	242.3	219.6	199.5	180.1	167.2	153.4	141.7
45°	361.5	351.2	338.2	313.4	285.1	258.9	231.1	208.8	188.3	171.9	155.6
42.5°	391.1	383.6	373.1	357.2	336.1	303.9	271.6	242.2	215.6	192.8	172.0
40°	418.3	406.6	397.2	386.1	368.9	349.1	316.6	279.7	247.4	217.9	188.7
37.5°	450.2	433.3	420.8	407.4	393.8	376.4	355.6	322.6	281.5	244.2	209.0
35°	490.1	468.9	449.7	432.6	415.6	397.9	379.6	357.8	320.2	273.0	230.8
32.5°	540.6	514.1	487.9	464.3	438.1	416.7	397.9	378.6	353.5	305.6	256.9
30°	462.2	520.5	532.2	499.4	465.2	435.7	413.9	394.6	371.3	338.6	283.2
27.5°	449.3	445.9	510.3	536.2	494.1	458.2	431.0	408.7	387.7	359.1	313.2
25°	486.0	456.2	450.0	509.1	528.5	484.0	451.2	424.5	400.3	376.0	348.8
22.5°	557.8	497.2	458.1	450.1	523.2	517.4	475.5	441.1	414.8	399.4	373.5
20°	675.5	563.0	493.2	458.9	474.4	548.5	500.3	463.7	439.5	421.0	396.3
17.5°	793.5	666.8	546.3	476.9	460.4	512.9	529.9	491.0	461.1	443.2	419.1
15°	900.8	763.1	627.5	523.1	468.9	478.6	555.9	516.3	481.3	463.7	437.7
12.5°	969.8	848.1	701.5	564.3	483.9	466.5	541.0	538.7	502.6	475.7	449.8
10°	1034.1	907.7	764.9	621.3	516.1	473.3	519.0	557.3	519.6	485.3	459.5
7.5°	1112.2	943.6	812.0	665.1	537.4	476.2	501.9	574.1	535.1	495.1	467.1
5°	1160.4	968.5	840.0	690.4	547.1	476.1	489.0	589.1	549.0	504.5	472.8
2.5°	1190.3	982.3	853.7	704.0	549.8	473.6	483.2	602.9	562.6	509.9	474.3
0°	1194.7	980.4	861.7	709.1	548.8	468.6	487.1	615.1	575.0	513.3	474.8
-2.5°	1190.3	982.3	853.7	704.0	549.8	473.6	483.2	602.9	562.6	509.9	474.3
-5°	1160.4	968.5	840.0	690.4	547.1	476.1	489.0	589.1	549.0	504.5	472.8
-7.5°	1112.2	943.6	812.0	665.1	537.4	476.2	501.9	574.1	535.1	495.1	467.1
-10°	1034.1	907.7	764.9	621.3	516.1	473.3	519.0	557.3	519.6	485.3	459.5
-12.5°	969.8	848.1	701.5	564.3	483.9	466.5	541.0	538.7	502.6	475.7	449.8
-15°	900.8	763.1	627.5	523.1	468.9	478.6	555.9	516.3	481.3	463.7	437.7
-17.5°	793.5	666.8	546.3	476.9	460.4	512.9	529.9	491.0	461.1	443.2	419.1
-20°	675.5	563.0	493.2	458.9	474.4	548.5	500.3	463.7	439.5	421.0	396.3



REPORT NUMBER: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	557.8	497.2	458.1	450.1	523.2	517.4	475.5	441.1	414.8	399.4	373.5
-25°	486.0	456.2	450.0	509.1	528.5	484.0	451.2	424.5	400.3	376.0	348.8
-27.5°	449.3	445.9	510.3	536.2	494.1	458.2	431.0	408.7	387.7	359.1	313.2
-30°	462.2	520.5	532.2	499.4	465.2	435.7	413.9	394.6	371.3	338.6	283.2
-32.5°	540.6	514.1	487.9	464.3	438.1	416.7	397.9	378.6	353.5	305.6	256.9
-35°	490.1	468.9	449.7	432.6	415.6	397.9	379.6	357.8	320.2	273.0	230.8
-37.5°	450.2	433.3	420.8	407.4	393.8	376.4	355.6	322.6	281.5	244.2	209.0
-40°	418.3	406.6	397.2	386.1	368.9	349.1	316.6	279.7	247.4	217.9	188.7
-42.5°	391.1	383.6	373.1	357.2	336.1	303.9	271.6	242.2	215.6	192.8	172.0
-45°	361.5	351.2	338.2	313.4	285.1	258.9	231.1	208.8	188.3	171.9	155.6
-47.5°	318.4	300.6	281.0	263.6	242.3	219.6	199.5	180.1	167.2	153.4	141.7
-50°	258.5	247.1	234.5	221.7	206.7	189.0	173.8	160.0	148.8	138.4	127.9
-52.5°	211.8	203.8	196.0	187.0	177.9	165.7	153.4	142.7	132.7	123.9	114.6
-55°	176.4	169.0	164.9	160.2	155.1	146.0	136.4	126.9	118.1	110.1	100.1
-57.5°	148.9	141.4	139.9	137.9	135.3	128.7	120.8	112.5	102.6	93.7	85.0
-60°	128.2	119.7	119.4	118.6	117.4	112.9	104.4	95.3	85.6	79.2	73.0
-62.5°	111.4	100.8	100.6	99.6	98.0	94.4	86.6	79.4	72.9	67.4	62.7
-65°	96.0	82.9	80.4	79.8	78.4	75.9	70.0	65.6	62.4	59.7	54.2
-67.5°	83.3	68.1	62.5	61.7	60.9	59.6	57.0	54.8	52.8	50.7	45.6
-70°	69.6	55.3	48.8	48.1	47.3	46.3	45.1	43.8	42.2	39.7	34.6
-72.5°	52.3	42.4	37.0	36.5	35.8	34.9	33.9	32.0	29.3	25.7	22.4
-75°	35.6	30.2	26.5	26.1	25.5	24.7	23.4	21.3	19.1	16.9	14.8
-77.5°	22.8	19.7	17.3	17.0	16.5	15.8	14.7	13.1	11.8	10.5	9.4
-80°	12.5	11.1	10.0	9.8	9.4	8.9	8.3	7.4	6.6	6.0	5.6
-82.5°	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.0	3.7	3.5
-85°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	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: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	1.0	1.0	0.9	0.9	1.0	1.2	1.2	1.3	1.2	1.1	0.9
85°	2.1	2.0	1.8	1.7	2.0	2.3	2.5	2.6	2.4	2.1	1.9
82.5°	3.2	3.0	2.8	2.7	2.6	2.7	2.9	3.1	3.1	3.1	2.8
80°	5.3	4.8	4.4	4.0	3.5	3.1	3.0	3.1	3.1	3.1	3.1
77.5°	8.6	7.6	6.4	5.7	5.2	4.6	4.0	3.4	3.1	3.1	3.1
75°	13.2	12.1	10.9	9.3	7.6	6.1	5.4	4.7	4.1	3.2	3.1
72.5°	20.4	18.3	16.1	13.5	11.3	9.3	7.4	6.1	5.4	4.5	3.4
70°	29.6	25.4	22.5	19.2	15.6	12.4	10.2	8.4	6.8	5.9	4.7
67.5°	40.1	34.3	29.5	24.9	20.7	16.8	13.1	11.1	9.3	7.2	5.9
65°	48.2	42.3	36.5	31.2	26.0	21.2	17.0	14.1	11.8	9.5	7.2
62.5°	56.6	49.4	43.2	37.3	31.5	26.0	21.0	18.1	14.6	11.9	9.1
60°	66.2	58.9	50.2	43.5	37.1	30.8	25.8	22.2	18.4	14.2	11.2
57.5°	77.7	69.4	59.5	50.2	42.7	35.7	30.9	26.9	22.3	17.5	13.3
55°	90.1	80.4	68.6	57.9	48.6	40.7	36.4	31.9	26.4	21.1	15.6
52.5°	104.2	91.4	78.1	65.7	54.9	46.7	42.7	37.0	31.2	24.7	19.0
50°	117.4	102.8	87.8	74.0	61.1	54.4	49.3	43.2	36.0	28.6	22.7
47.5°	128.3	113.2	97.9	82.2	68.3	62.6	57.0	49.7	41.0	33.0	26.6
45°	139.4	122.7	107.1	91.0	78.0	72.0	65.4	56.4	47.1	38.3	30.5
42.5°	150.5	132.6	115.3	99.2	89.2	81.5	74.3	64.4	53.4	43.8	35.1
40°	164.5	142.7	123.4	109.1	100.1	90.9	82.9	72.8	59.9	49.9	40.0
37.5°	178.2	154.1	132.4	119.8	110.4	100.5	91.4	81.5	68.2	56.8	45.1
35°	195.9	166.1	145.0	130.9	119.8	109.8	99.6	89.9	77.7	63.8	50.3
32.5°	212.9	181.2	159.6	142.2	128.8	118.6	107.7	100.5	87.6	70.8	55.5
30°	235.7	201.3	173.8	152.8	137.7	126.6	117.8	112.5	97.9	77.9	60.9
27.5°	263.9	221.1	188.4	164.7	147.1	134.4	131.3	125.6	108.4	85.6	66.7
25°	292.6	244.5	206.0	176.7	155.8	147.8	144.6	139.8	119.3	94.2	72.5
22.5°	324.3	268.4	222.9	188.0	170.8	160.7	157.3	151.8	130.9	102.9	78.1
20°	355.0	290.9	240.4	206.9	186.9	174.5	169.3	163.6	142.9	111.4	83.7
17.5°	382.9	316.3	264.9	227.6	203.3	188.1	180.8	175.3	155.3	119.9	89.0
15°	401.5	343.4	287.7	246.9	219.0	201.3	191.9	186.6	167.8	128.1	92.8
12.5°	417.4	367.1	308.3	264.8	234.0	214.1	202.7	197.8	180.3	133.5	94.8
10°	430.6	387.5	326.7	281.5	248.3	226.6	213.2	205.7	185.1	136.2	96.6
7.5°	441.4	404.8	343.0	296.8	260.0	232.8	214.7	207.1	188.0	138.2	98.1
5°	449.1	415.0	350.8	300.7	260.9	232.4	214.8	208.2	189.9	139.6	99.2
2.5°	450.2	416.1	352.7	302.0	261.1	231.3	214.6	209.1	191.0	140.3	99.9
0°	450.1	414.7	353.0	302.1	260.5	229.7	214.3	209.6	191.1	140.3	100.2
-2.5°	450.2	416.1	352.7	302.0	261.1	231.3	214.6	209.1	191.0	140.3	99.9
-5°	449.1	415.0	350.8	300.7	260.9	232.4	214.8	208.2	189.9	139.6	99.2
-7.5°	441.4	404.8	343.0	296.8	260.0	232.8	214.7	207.1	188.0	138.2	98.1
-10°	430.6	387.5	326.7	281.5	248.3	226.6	213.2	205.7	185.1	136.2	96.6
-12.5°	417.4	367.1	308.3	264.8	234.0	214.1	202.7	197.8	180.3	133.5	94.8
-15°	401.5	343.4	287.7	246.9	219.0	201.3	191.9	186.6	167.8	128.1	92.8
-17.5°	382.9	316.3	264.9	227.6	203.3	188.1	180.8	175.3	155.3	119.9	89.0
-20°	355.0	290.9	240.4	206.9	186.9	174.5	169.3	163.6	142.9	111.4	83.7



REPORT NUMBER: P558921 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	324.3	268.4	222.9	188.0	170.8	160.7	157.3	151.8	130.9	102.9	78.1
-25°	292.6	244.5	206.0	176.7	155.8	147.8	144.6	139.8	119.3	94.2	72.5
-27.5°	263.9	221.1	188.4	164.7	147.1	134.4	131.3	125.6	108.4	85.6	66.7
-30°	235.7	201.3	173.8	152.8	137.7	126.6	117.8	112.5	97.9	77.9	60.9
-32.5°	212.9	181.2	159.6	142.2	128.8	118.6	107.7	100.5	87.6	70.8	55.5
-35°	195.9	166.1	145.0	130.9	119.8	109.8	99.6	89.9	77.7	63.8	50.3
-37.5°	178.2	154.1	132.4	119.8	110.4	100.5	91.4	81.5	68.2	56.8	45.1
-40°	164.5	142.7	123.4	109.1	100.1	90.9	82.9	72.8	59.9	49.9	40.0
-42.5°	150.5	132.6	115.3	99.2	89.2	81.5	74.3	64.4	53.4	43.8	35.1
-45°	139.4	122.7	107.1	91.0	78.0	72.0	65.4	56.4	47.1	38.3	30.5
-47.5°	128.3	113.2	97.9	82.2	68.3	62.6	57.0	49.7	41.0	33.0	26.6
-50°	117.4	102.8	87.8	74.0	61.1	54.4	49.3	43.2	36.0	28.6	22.7
-52.5°	104.2	91.4	78.1	65.7	54.9	46.7	42.7	37.0	31.2	24.7	19.0
-55°	90.1	80.4	68.6	57.9	48.6	40.7	36.4	31.9	26.4	21.1	15.6
-57.5°	77.7	69.4	59.5	50.2	42.7	35.7	30.9	26.9	22.3	17.5	13.3
-60°	66.2	58.9	50.2	43.5	37.1	30.8	25.8	22.2	18.4	14.2	11.2
-62.5°	56.6	49.4	43.2	37.3	31.5	26.0	21.0	18.1	14.6	11.9	9.1
-65°	48.2	42.3	36.5	31.2	26.0	21.2	17.0	14.1	11.8	9.5	7.2
-67.5°	40.1	34.3	29.5	24.9	20.7	16.8	13.1	11.1	9.3	7.2	5.9
-70°	29.6	25.4	22.5	19.2	15.6	12.4	10.2	8.4	6.8	5.9	4.7
-72.5°	20.4	18.3	16.1	13.5	11.3	9.3	7.4	6.1	5.4	4.5	3.4
-75°	13.2	12.1	10.9	9.3	7.6	6.1	5.4	4.7	4.1	3.2	3.1
-77.5°	8.6	7.6	6.4	5.7	5.2	4.6	4.0	3.4	3.1	3.1	3.1
-80°	5.3	4.8	4.4	4.0	3.5	3.1	3.0	3.1	3.1	3.1	3.1
-82.5°	3.2	3.0	2.8	2.7	2.6	2.7	2.9	3.1	3.1	3.1	2.8
-85°	2.1	2.0	1.8	1.7	2.0	2.3	2.5	2.6	2.4	2.1	1.9
-87.5°	1.0	1.0	0.9	0.9	1.0	1.2	1.2	1.3	1.2	1.1	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	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
80°	3.1	2.7	2.1	1.6	1.1	0.5	0.0
77.5°	3.1	3.1	2.7	2.0	1.3	0.7	0.0
75°	3.1	3.1	3.1	2.4	1.6	0.8	0.0
72.5°	3.1	3.1	3.1	2.8	1.9	0.9	0.0
70°	3.2	3.1	3.1	3.1	2.1	1.1	0.0
67.5°	4.4	3.1	3.1	3.1	2.4	1.2	0.0
65°	5.6	3.6	3.1	3.1	2.6	1.3	0.0
62.5°	6.7	4.6	3.1	3.1	2.9	1.4	0.0
60°	7.9	5.6	3.1	3.1	3.1	1.5	0.0
57.5°	9.8	6.6	3.9	3.1	3.1	1.7	0.0
55°	12.0	7.6	4.7	3.1	3.1	1.8	0.0
52.5°	14.1	8.8	5.5	3.1	3.2	1.9	0.0
50°	16.4	10.7	6.3	3.1	3.2	2.0	0.0
47.5°	18.8	12.6	7.1	3.2	3.2	2.1	0.0
45°	22.2	14.6	7.8	3.8	3.3	2.2	0.0
42.5°	25.7	16.6	8.6	4.4	3.3	2.3	0.0
40°	29.3	18.5	9.7	4.9	3.4	2.4	0.0
37.5°	32.9	20.5	11.2	5.4	3.4	2.5	0.0
35°	36.5	23.0	12.7	5.9	3.5	2.5	0.0
32.5°	40.3	25.8	14.2	6.3	3.6	2.6	0.0
30°	44.5	28.6	15.6	6.7	3.6	2.7	0.0
27.5°	48.6	31.3	16.5	7.0	3.7	2.7	0.0
25°	52.7	34.0	17.2	7.2	3.8	2.8	0.0
22.5°	56.7	36.1	17.8	7.5	3.9	2.9	0.0
20°	60.7	36.8	18.2	7.6	4.0	2.9	0.0
17.5°	62.7	37.3	18.4	7.8	4.1	3.0	0.0
15°	63.5	37.5	18.6	7.8	4.1	3.0	0.0
12.5°	63.9	37.5	18.6	7.9	4.2	3.0	0.0
10°	64.1	37.2	18.5	7.9	4.3	3.1	0.0
7.5°	64.0	36.7	18.2	7.9	4.4	3.1	0.0
5°	63.5	35.9	17.9	7.9	4.5	3.1	0.0
2.5°	62.8	35.0	17.5	7.8	4.5	3.1	0.0
0°	61.7	33.9	17.0	7.7	4.6	3.1	0.0
-2.5°	62.8	35.0	17.5	7.8	4.5	3.1	0.0
-5°	63.5	35.9	17.9	7.9	4.5	3.1	0.0
-7.5°	64.0	36.7	18.2	7.9	4.4	3.1	0.0
-10°	64.1	37.2	18.5	7.9	4.3	3.1	0.0
-12.5°	63.9	37.5	18.6	7.9	4.2	3.0	0.0
-15°	63.5	37.5	18.6	7.8	4.1	3.0	0.0
-17.5°	62.7	37.3	18.4	7.8	4.1	3.0	0.0
-20°	60.7	36.8	18.2	7.6	4.0	2.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.7	36.1	17.8	7.5	3.9	2.9	0.0
-25°	52.7	34.0	17.2	7.2	3.8	2.8	0.0
-27.5°	48.6	31.3	16.5	7.0	3.7	2.7	0.0
-30°	44.5	28.6	15.6	6.7	3.6	2.7	0.0
-32.5°	40.3	25.8	14.2	6.3	3.6	2.6	0.0
-35°	36.5	23.0	12.7	5.9	3.5	2.5	0.0
-37.5°	32.9	20.5	11.2	5.4	3.4	2.5	0.0
-40°	29.3	18.5	9.7	4.9	3.4	2.4	0.0
-42.5°	25.7	16.6	8.6	4.4	3.3	2.3	0.0
-45°	22.2	14.6	7.8	3.8	3.3	2.2	0.0
-47.5°	18.8	12.6	7.1	3.2	3.2	2.1	0.0
-50°	16.4	10.7	6.3	3.1	3.2	2.0	0.0
-52.5°	14.1	8.8	5.5	3.1	3.2	1.9	0.0
-55°	12.0	7.6	4.7	3.1	3.1	1.8	0.0
-57.5°	9.8	6.6	3.9	3.1	3.1	1.7	0.0
-60°	7.9	5.6	3.1	3.1	3.1	1.5	0.0
-62.5°	6.7	4.6	3.1	3.1	2.9	1.4	0.0
-65°	5.6	3.6	3.1	3.1	2.6	1.3	0.0
-67.5°	4.4	3.1	3.1	3.1	2.4	1.2	0.0
-70°	3.2	3.1	3.1	3.1	2.1	1.1	0.0
-72.5°	3.1	3.1	3.1	2.8	1.9	0.9	0.0
-75°	3.1	3.1	3.1	2.4	1.6	0.8	0.0
-77.5°	3.1	3.1	2.7	2.0	1.3	0.7	0.0
-80°	3.1	2.7	2.1	1.6	1.1	0.5	0.0
-82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-87.5°	0.8	0.7	0.5	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)