

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: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558801 (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-935-U-TSB-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

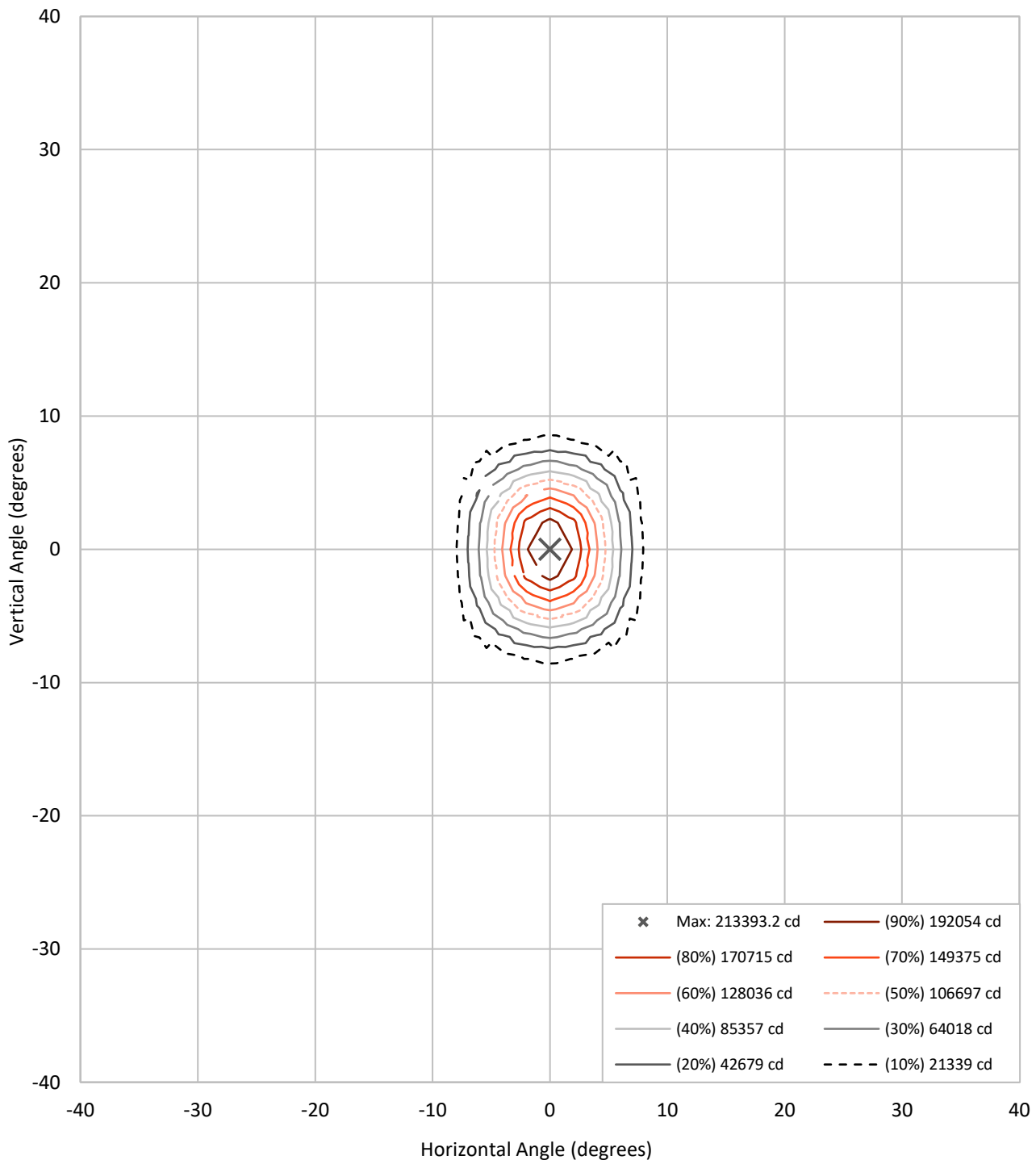
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8310 lumens	Max Intensity:	213393.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3561.8 lumens	Field Lumens:	6138.7 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: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





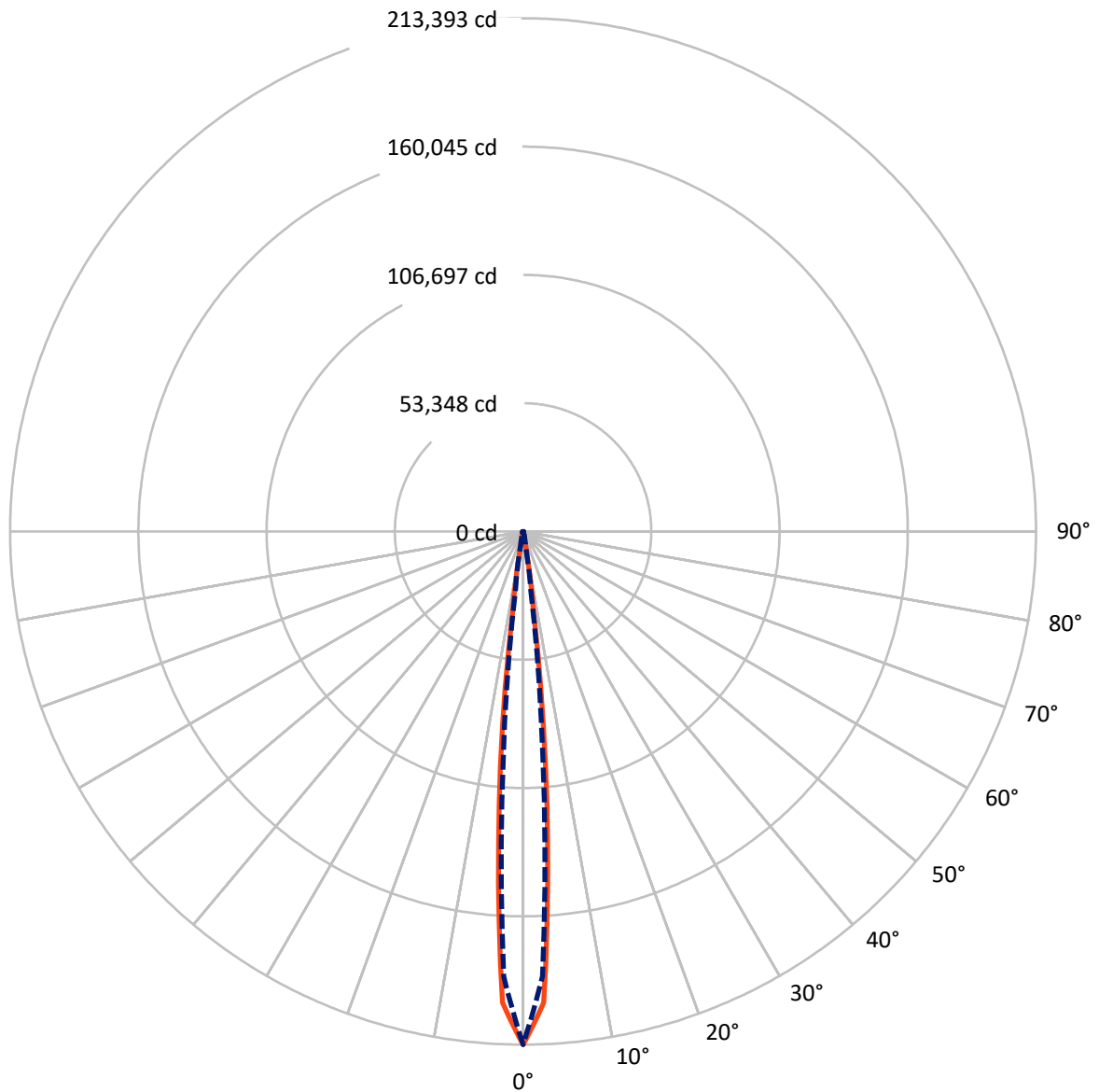
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Lumen Table

90	0.0	0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0										
80	0.0	0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0										
70	0.1	0.2	0.4	0.9	1.4	1.8	2.9	5.2	5.2	2.9	1.8	1.4	0.9	0.4	0.2	0.1			
60		0.3	0.8	1.7	2.7	3.7	4.9	6.7	6.7	4.9	3.7	2.7	1.7	0.8	0.3				
50	0.4	0.6	1.3	2.7	4.7	7.1	9.0	10.8	10.8	9.0	7.1	4.7	2.7	1.3	0.6	0.4			
40		0.9	1.9	4.0	7.3	9.8	11.1	11.8	11.8	11.1	9.8	7.3	4.0	1.9	0.9				
30	0.8	1.3	2.6	5.7	9.0	10.7	14.6	19.2	19.2	14.6	10.7	9.0	5.7	2.6	1.3	0.8			
20		1.8	3.5	7.2	9.9	14.1	28.6	57.1	57.1	28.6	14.1	9.9	7.2	3.5	1.8				
10	1.0	2.0	4.3	8.1	10.3	18.1	56.5	1669.6	1669.6	56.5	18.1	10.3	8.1	4.3	2.0	1.0			
0		2.0	4.3	8.1	10.3	18.1	56.5	1669.6	1669.6	56.5	18.1	10.3	8.1	4.3	2.0				
-10	0.8	1.8	3.5	7.2	9.9	14.1	28.6	57.1	57.1	28.6	14.1	9.9	7.2	3.5	1.8	0.8			
-20		1.3	2.6	5.7	9.0	10.7	14.6	19.2	19.2	14.6	10.7	9.0	5.7	2.6	1.3				
-30	0.4	0.9	1.9	4.0	7.3	9.8	11.1	11.8	11.8	11.1	9.8	7.3	4.0	1.9	0.9	0.4			
-40		0.6	1.3	2.7	4.7	7.1	9.0	10.8	10.8	9.0	7.1	4.7	2.7	1.3	0.6				
-50	0.1	0.3	0.8	1.7	2.7	3.7	4.9	6.7	6.7	4.9	3.7	2.7	1.7	0.8	0.3	0.1			
-60		0.2	0.4	0.9	1.4	1.8	2.9	5.2	5.2	2.9	1.8	1.4	0.9	0.4	0.2				
-70	0.0	0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0							0.0			
-80		0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0										
-90	0.0	0.2	0.9	2.0	3.4	2.0	0.9	0.2	0.0						0.0				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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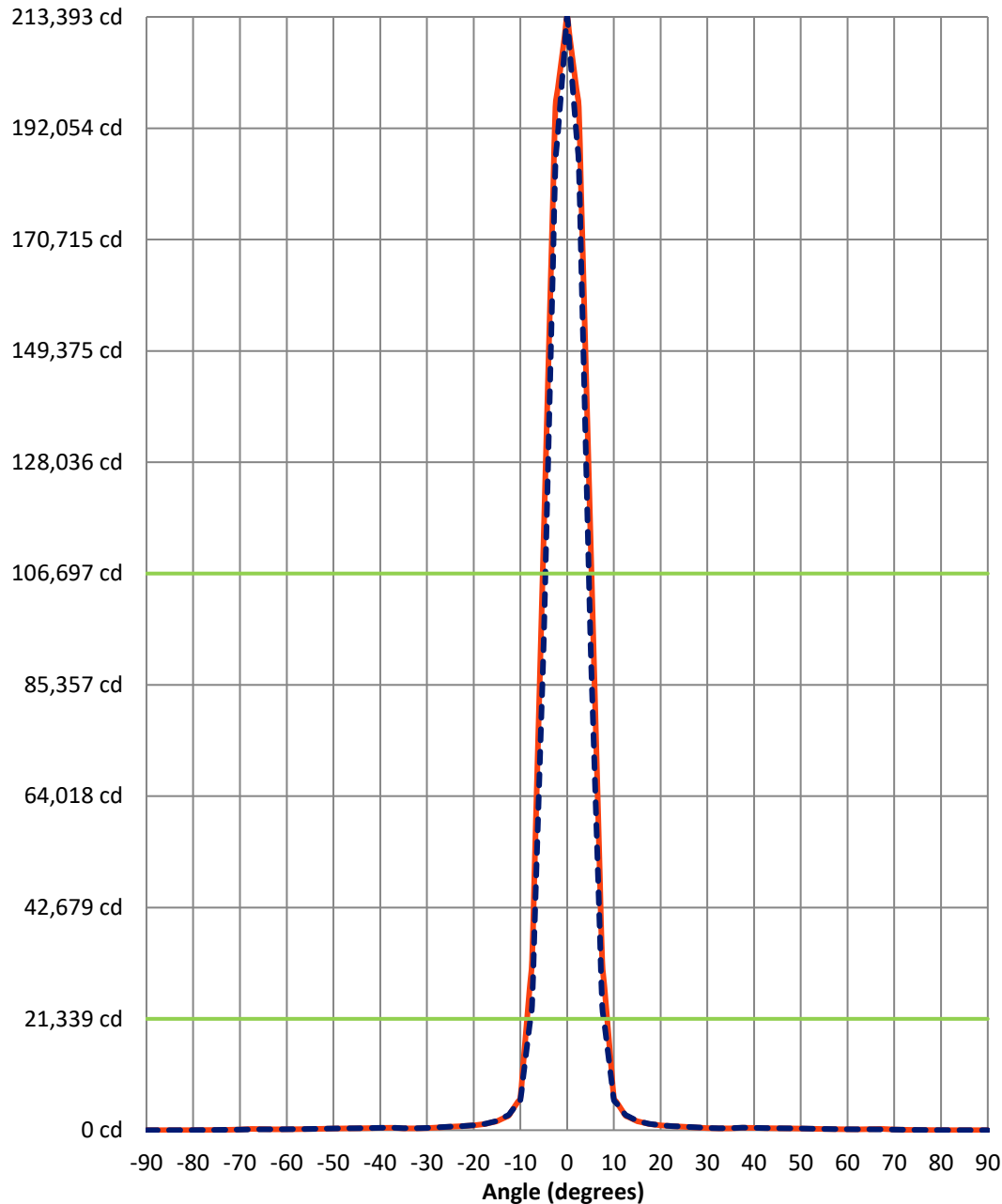
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 3561.8
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 6138.7
Efficiency: 73.9%

Spill:
Lumens: 2171.3
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	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.4	2.4	2.4
80°	0.0	0.4	0.8	1.2	1.7	2.1	2.4	2.4	2.4	2.4	2.4
77.5°	0.0	0.5	1.0	1.6	2.1	2.4	2.4	2.4	2.4	2.4	2.7
75°	0.0	0.6	1.2	1.9	2.4	2.4	2.4	2.4	2.5	3.2	3.7
72.5°	0.0	0.7	1.4	2.2	2.4	2.4	2.4	2.7	3.6	4.3	4.8
70°	0.0	0.8	1.6	2.4	2.4	2.4	2.5	3.7	4.6	5.4	6.7
67.5°	0.0	0.9	1.8	2.4	2.4	2.4	3.4	4.7	5.7	7.3	8.7
65°	0.0	1.0	2.0	2.4	2.4	2.8	4.4	5.7	7.5	9.3	11.1
62.5°	0.0	1.1	2.2	2.4	2.4	3.6	5.3	7.2	9.3	11.5	14.3
60°	0.0	1.2	2.4	2.4	2.4	4.4	6.2	8.8	11.2	14.5	17.5
57.5°	0.0	1.3	2.4	2.4	3.0	5.2	7.8	10.5	13.8	17.6	21.2
55°	0.0	1.4	2.4	2.4	3.7	6.0	9.4	12.2	16.7	20.8	25.1
52.5°	0.0	1.5	2.5	2.4	4.3	6.9	11.1	15.0	19.5	24.6	29.1
50°	0.0	1.5	2.5	2.4	5.0	8.5	12.9	17.9	22.6	28.4	34.0
47.5°	0.0	1.6	2.5	2.5	5.6	10.0	14.8	21.0	26.0	32.2	39.1
45°	0.0	1.7	2.5	3.0	6.2	11.5	17.5	24.1	30.2	37.1	44.4
42.5°	0.0	1.8	2.6	3.4	6.8	13.1	20.3	27.7	34.5	42.0	50.7
40°	0.0	1.8	2.6	3.9	7.7	14.6	23.1	31.6	39.3	47.2	57.3
37.5°	0.0	1.9	2.7	4.3	8.9	16.1	25.9	35.5	44.7	53.7	64.2
35°	0.0	2.0	2.7	4.6	10.1	18.1	28.7	39.6	50.2	61.2	70.8
32.5°	0.0	2.0	2.8	5.0	11.2	20.4	31.7	43.7	55.8	69.0	79.2
30°	0.0	2.1	2.8	5.3	12.3	22.5	35.0	47.9	61.4	77.1	88.6
27.5°	0.0	2.1	2.9	5.5	13.0	24.7	38.3	52.5	67.4	85.4	98.9
25°	0.0	2.2	3.0	5.7	13.6	26.8	41.5	57.1	74.2	94.0	110.1
22.5°	0.0	2.2	3.0	5.9	14.0	28.4	44.7	61.5	81.0	103.1	119.5
20°	0.0	2.3	3.1	6.0	14.3	29.0	47.7	65.9	87.8	112.5	128.8
17.5°	0.0	2.3	3.2	6.1	14.5	29.4	49.4	70.1	94.4	122.3	138.0
15°	0.0	2.3	3.2	6.2	14.6	29.6	50.0	73.1	100.9	132.1	147.0
12.5°	0.0	2.3	3.3	6.3	14.6	29.5	50.3	74.7	105.1	142.0	155.8
10°	0.0	2.4	3.4	6.3	14.6	29.3	50.5	76.1	107.3	145.7	162.0
7.5°	0.0	2.4	3.4	6.3	14.4	28.9	50.4	77.2	108.9	148.0	163.1
5°	0.0	2.4	3.5	6.2	14.1	28.3	50.0	78.1	109.9	149.6	164.0
2.5°	0.0	2.4	3.5	6.2	13.8	27.6	49.4	78.7	110.5	150.4	164.7
0°	0.0	2.4	3.6	6.1	13.4	26.7	48.6	78.9	110.5	150.5	165.1
-2.5°	0.0	2.4	3.5	6.2	13.8	27.6	49.4	78.7	110.5	150.4	164.7
-5°	0.0	2.4	3.5	6.2	14.1	28.3	50.0	78.1	109.9	149.6	164.0
-7.5°	0.0	2.4	3.4	6.3	14.4	28.9	50.4	77.2	108.9	148.0	163.1
-10°	0.0	2.4	3.4	6.3	14.6	29.3	50.5	76.1	107.3	145.7	162.0
-12.5°	0.0	2.3	3.3	6.3	14.6	29.5	50.3	74.7	105.1	142.0	155.8
-15°	0.0	2.3	3.2	6.2	14.6	29.6	50.0	73.1	100.9	132.1	147.0
-17.5°	0.0	2.3	3.2	6.1	14.5	29.4	49.4	70.1	94.4	122.3	138.0
-20°	0.0	2.3	3.1	6.0	14.3	29.0	47.7	65.9	87.8	112.5	128.8



REPORT NUMBER: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-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	2.2	3.0	5.9	14.0	28.4	44.7	61.5	81.0	103.1	119.5
-25°	0.0	2.2	3.0	5.7	13.6	26.8	41.5	57.1	74.2	94.0	110.1
-27.5°	0.0	2.1	2.9	5.5	13.0	24.7	38.3	52.5	67.4	85.4	98.9
-30°	0.0	2.1	2.8	5.3	12.3	22.5	35.0	47.9	61.4	77.1	88.6
-32.5°	0.0	2.0	2.8	5.0	11.2	20.4	31.7	43.7	55.8	69.0	79.2
-35°	0.0	2.0	2.7	4.6	10.1	18.1	28.7	39.6	50.2	61.2	70.8
-37.5°	0.0	1.9	2.7	4.3	8.9	16.1	25.9	35.5	44.7	53.7	64.2
-40°	0.0	1.8	2.6	3.9	7.7	14.6	23.1	31.6	39.3	47.2	57.3
-42.5°	0.0	1.8	2.6	3.4	6.8	13.1	20.3	27.7	34.5	42.0	50.7
-45°	0.0	1.7	2.5	3.0	6.2	11.5	17.5	24.1	30.2	37.1	44.4
-47.5°	0.0	1.6	2.5	2.5	5.6	10.0	14.8	21.0	26.0	32.2	39.1
-50°	0.0	1.5	2.5	2.4	5.0	8.5	12.9	17.9	22.6	28.4	34.0
-52.5°	0.0	1.5	2.5	2.4	4.3	6.9	11.1	15.0	19.5	24.6	29.1
-55°	0.0	1.4	2.4	2.4	3.7	6.0	9.4	12.2	16.7	20.8	25.1
-57.5°	0.0	1.3	2.4	2.4	3.0	5.2	7.8	10.5	13.8	17.6	21.2
-60°	0.0	1.2	2.4	2.4	2.4	4.4	6.2	8.8	11.2	14.5	17.5
-62.5°	0.0	1.1	2.2	2.4	2.4	3.6	5.3	7.2	9.3	11.5	14.3
-65°	0.0	1.0	2.0	2.4	2.4	2.8	4.4	5.7	7.5	9.3	11.1
-67.5°	0.0	0.9	1.8	2.4	2.4	2.4	3.4	4.7	5.7	7.3	8.7
-70°	0.0	0.8	1.6	2.4	2.4	2.4	2.5	3.7	4.6	5.4	6.7
-72.5°	0.0	0.7	1.4	2.2	2.4	2.4	2.4	2.7	3.6	4.3	4.8
-75°	0.0	0.6	1.2	1.9	2.4	2.4	2.4	2.4	2.5	3.2	3.7
-77.5°	0.0	0.5	1.0	1.6	2.1	2.4	2.4	2.4	2.4	2.4	2.7
-80°	0.0	0.4	0.8	1.2	1.7	2.1	2.4	2.4	2.4	2.4	2.4
-82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.4	2.4	2.4
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	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



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 CATALOG NUMBER: GFLD-SA3C-935-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°	1.0	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.9	1.8	1.6	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
82.5°	2.2	2.1	2.1	2.1	2.2	2.3	2.5	2.7	2.9	3.1	3.3
80°	2.4	2.4	2.8	3.1	3.5	3.8	4.1	4.5	4.8	5.2	5.8
77.5°	3.1	3.6	4.1	4.5	5.1	6.0	6.8	7.4	8.3	9.2	10.3
75°	4.3	4.8	6.0	7.3	8.5	9.5	10.4	11.7	13.3	15.1	16.8
72.5°	5.9	7.3	8.9	10.6	12.6	14.4	16.0	17.6	20.2	23.1	25.2
70°	8.0	9.8	12.3	15.1	17.7	19.9	23.3	27.2	31.2	33.2	34.4
67.5°	10.3	13.2	16.3	19.6	23.2	27.0	31.6	35.9	39.9	41.6	43.1
65°	13.4	16.7	20.5	24.5	28.7	33.2	37.9	42.7	47.0	49.2	51.6
62.5°	16.5	20.5	24.8	29.4	34.0	38.9	44.6	49.4	53.0	57.5	62.6
60°	20.3	24.2	29.2	34.2	39.5	46.4	52.1	57.5	62.4	67.4	75.1
57.5°	24.3	28.1	33.6	39.5	46.9	54.7	61.2	67.0	73.8	80.9	88.6
55°	28.7	32.1	38.3	45.6	54.0	63.3	71.0	78.9	86.7	93.0	99.9
52.5°	33.6	36.8	43.2	51.7	61.5	71.9	82.0	90.3	97.6	104.5	112.4
50°	38.9	42.8	48.0	58.2	69.1	80.9	92.4	100.7	109.0	117.2	126.0
47.5°	44.9	49.3	53.7	64.7	77.0	89.1	101.0	111.6	120.8	131.7	141.8
45°	51.5	56.7	61.4	71.6	84.3	96.6	109.8	122.5	135.4	148.3	164.5
42.5°	58.5	64.2	70.2	78.1	90.8	104.4	118.5	135.5	151.8	169.8	190.8
40°	65.3	71.6	78.8	85.9	97.2	112.3	129.6	148.6	171.6	194.9	220.3
37.5°	71.9	79.1	86.9	94.3	104.2	121.3	140.4	164.6	192.4	221.8	254.1
35°	78.4	86.4	94.4	103.1	114.2	130.8	154.3	181.8	215.1	252.2	281.8
32.5°	84.8	93.3	101.4	112.0	125.7	142.7	167.7	202.3	240.7	278.4	298.1
30°	92.8	99.6	108.5	120.4	136.9	158.6	185.7	223.0	266.6	292.4	310.8
27.5°	103.4	105.9	115.8	129.7	148.4	174.2	207.9	246.7	282.8	305.4	321.8
25°	113.9	116.4	122.7	139.2	162.2	192.6	230.4	274.7	296.2	315.2	334.2
22.5°	123.9	126.6	134.5	148.1	175.6	211.3	255.4	294.1	314.5	326.7	347.3
20°	133.3	137.5	147.2	163.0	189.3	229.1	279.6	312.1	331.5	346.1	365.2
17.5°	142.4	148.1	160.1	179.2	208.6	249.1	301.6	330.1	349.0	363.1	386.7
15°	151.2	158.5	172.4	194.4	226.6	270.4	316.2	344.7	365.1	379.0	406.6
12.5°	159.7	168.6	184.3	208.5	242.8	289.1	328.7	354.2	374.6	395.8	424.3
10°	167.9	178.4	195.5	221.6	257.3	305.2	339.1	361.9	382.2	409.2	438.8
7.5°	169.1	183.3	204.7	233.7	270.1	318.8	347.6	367.8	389.9	421.4	452.1
5°	169.2	183.0	205.5	236.8	276.2	326.8	353.6	372.3	397.3	432.3	463.9
2.5°	169.0	182.1	205.6	237.8	277.8	327.7	354.5	373.5	401.6	443.0	474.8
0°	168.7	180.9	205.2	237.9	278.0	326.6	354.5	373.9	404.2	452.8	484.4
-2.5°	169.0	182.1	205.6	237.8	277.8	327.7	354.5	373.5	401.6	443.0	474.8
-5°	169.2	183.0	205.5	236.8	276.2	326.8	353.6	372.3	397.3	432.3	463.9
-7.5°	169.1	183.3	204.7	233.7	270.1	318.8	347.6	367.8	389.9	421.4	452.1
-10°	167.9	178.4	195.5	221.6	257.3	305.2	339.1	361.9	382.2	409.2	438.8
-12.5°	159.7	168.6	184.3	208.5	242.8	289.1	328.7	354.2	374.6	395.8	424.3
-15°	151.2	158.5	172.4	194.4	226.6	270.4	316.2	344.7	365.1	379.0	406.6
-17.5°	142.4	148.1	160.1	179.2	208.6	249.1	301.6	330.1	349.0	363.1	386.7
-20°	133.3	137.5	147.2	163.0	189.3	229.1	279.6	312.1	331.5	346.1	365.2



REPORT NUMBER: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-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°	123.9	126.6	134.5	148.1	175.6	211.3	255.4	294.1	314.5	326.7	347.3
-25°	113.9	116.4	122.7	139.2	162.2	192.6	230.4	274.7	296.2	315.2	334.2
-27.5°	103.4	105.9	115.8	129.7	148.4	174.2	207.9	246.7	282.8	305.4	321.8
-30°	92.8	99.6	108.5	120.4	136.9	158.6	185.7	223.0	266.6	292.4	310.8
-32.5°	84.8	93.3	101.4	112.0	125.7	142.7	167.7	202.3	240.7	278.4	298.1
-35°	78.4	86.4	94.4	103.1	114.2	130.8	154.3	181.8	215.1	252.2	281.8
-37.5°	71.9	79.1	86.9	94.3	104.2	121.3	140.4	164.6	192.4	221.8	254.1
-40°	65.3	71.6	78.8	85.9	97.2	112.3	129.6	148.6	171.6	194.9	220.3
-42.5°	58.5	64.2	70.2	78.1	90.8	104.4	118.5	135.5	151.8	169.8	190.8
-45°	51.5	56.7	61.4	71.6	84.3	96.6	109.8	122.5	135.4	148.3	164.5
-47.5°	44.9	49.3	53.7	64.7	77.0	89.1	101.0	111.6	120.8	131.7	141.8
-50°	38.9	42.8	48.0	58.2	69.1	80.9	92.4	100.7	109.0	117.2	126.0
-52.5°	33.6	36.8	43.2	51.7	61.5	71.9	82.0	90.3	97.6	104.5	112.4
-55°	28.7	32.1	38.3	45.6	54.0	63.3	71.0	78.9	86.7	93.0	99.9
-57.5°	24.3	28.1	33.6	39.5	46.9	54.7	61.2	67.0	73.8	80.9	88.6
-60°	20.3	24.2	29.2	34.2	39.5	46.4	52.1	57.5	62.4	67.4	75.1
-62.5°	16.5	20.5	24.8	29.4	34.0	38.9	44.6	49.4	53.0	57.5	62.6
-65°	13.4	16.7	20.5	24.5	28.7	33.2	37.9	42.7	47.0	49.2	51.6
-67.5°	10.3	13.2	16.3	19.6	23.2	27.0	31.6	35.9	39.9	41.6	43.1
-70°	8.0	9.8	12.3	15.1	17.7	19.9	23.3	27.2	31.2	33.2	34.4
-72.5°	5.9	7.3	8.9	10.6	12.6	14.4	16.0	17.6	20.2	23.1	25.2
-75°	4.3	4.8	6.0	7.3	8.5	9.5	10.4	11.7	13.3	15.1	16.8
-77.5°	3.1	3.6	4.1	4.5	5.1	6.0	6.8	7.4	8.3	9.2	10.3
-80°	2.4	2.4	2.8	3.1	3.5	3.8	4.1	4.5	4.8	5.2	5.8
-82.5°	2.2	2.1	2.1	2.1	2.2	2.3	2.5	2.7	2.9	3.1	3.3
-85°	1.9	1.8	1.6	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
-87.5°	1.0	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.9	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: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-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°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
85°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
82.5°	3.5	3.7	3.9	4.0	4.2	4.3	4.4	4.6	4.6	4.7	4.8
80°	6.5	7.0	7.4	7.7	7.9	8.8	9.9	11.0	12.2	12.6	12.9
77.5°	11.5	12.4	12.9	13.3	13.6	15.5	18.0	20.5	23.1	24.5	25.6
75°	18.4	19.4	20.1	20.5	20.8	23.8	28.1	32.6	37.3	39.7	41.5
72.5°	26.6	27.5	28.1	28.7	29.1	33.4	41.2	49.6	58.6	64.1	68.1
70°	35.5	36.5	37.3	37.9	38.4	43.5	54.8	66.6	78.8	91.0	104.0
67.5°	44.9	46.9	48.0	48.6	49.2	53.6	65.6	76.7	87.0	109.0	143.8
65°	55.1	59.8	61.7	62.8	63.3	65.3	75.6	84.8	93.2	110.3	136.9
62.5°	68.2	74.3	77.2	78.4	79.2	79.3	87.7	95.5	102.6	113.4	130.2
60°	82.2	88.9	92.4	93.4	94.0	94.3	101.0	108.7	115.8	124.5	140.2
57.5°	95.1	101.4	106.5	108.6	110.2	111.4	117.3	126.3	134.7	143.5	160.4
55°	107.4	115.0	122.2	126.1	129.9	133.2	139.0	150.3	161.2	171.4	189.0
52.5°	120.8	130.5	140.1	147.3	154.4	160.5	166.8	181.5	196.0	209.6	226.7
50°	136.8	148.8	162.8	174.6	184.7	194.6	203.6	221.0	240.6	259.3	277.2
47.5°	157.1	172.9	190.8	207.6	221.3	236.7	250.7	268.6	286.0	303.3	318.2
45°	182.0	203.9	224.5	246.7	266.3	276.5	284.7	295.9	313.7	330.7	344.5
42.5°	213.9	239.3	264.7	281.3	293.9	302.1	308.0	313.9	332.6	349.0	362.4
40°	249.3	274.9	290.5	304.1	312.8	320.2	329.4	338.6	353.3	370.1	385.0
37.5°	280.0	296.5	310.2	320.8	331.4	341.2	354.6	367.7	381.7	400.5	414.4
35°	299.0	313.3	327.3	340.6	354.2	369.3	386.0	405.3	422.4	406.8	384.3
32.5°	313.4	328.1	345.0	365.6	384.3	404.9	425.7	392.2	357.8	344.3	347.1
30°	325.9	343.1	366.3	393.3	419.1	409.9	364.0	348.0	352.7	362.1	380.3
27.5°	339.4	360.8	389.1	422.2	401.9	351.2	353.8	363.1	394.5	421.2	461.7
25°	355.3	381.2	416.3	400.9	354.4	359.2	382.8	418.3	478.1	534.0	582.8
22.5°	374.5	407.4	412.1	354.5	360.8	391.5	439.3	516.1	588.9	656.4	706.8
20°	394.0	432.0	373.6	361.4	388.4	443.3	532.0	620.2	701.4	761.8	812.3
17.5°	417.3	403.9	362.6	375.6	430.2	525.1	624.9	718.4	795.0	899.4	988.2
15°	437.8	376.9	369.3	412.0	494.2	601.0	709.4	793.4	931.8	1081.3	1232.6
12.5°	426.0	367.3	381.2	444.4	552.5	667.9	763.8	896.8	1079.8	1298.3	1626.6
10°	408.6	372.7	406.5	489.3	602.4	714.8	814.4	988.7	1230.3	1631.6	2148.6
7.5°	395.2	375.0	423.2	523.7	639.5	743.1	875.9	1087.3	1424.1	1974.6	3075.2
5°	385.1	375.0	430.8	543.6	661.5	762.7	913.8	1159.0	1613.9	2398.2	4279.0
2.5°	380.6	373.0	433.0	554.4	672.3	773.6	937.4	1210.5	1733.8	2791.9	5626.7
0°	383.6	369.0	432.2	558.4	678.6	772.1	940.8	1226.1	1769.9	2937.2	5807.5
-2.5°	380.6	373.0	433.0	554.4	672.3	773.6	937.4	1210.5	1733.8	2791.9	5626.7
-5°	385.1	375.0	430.8	543.6	661.5	762.7	913.8	1159.0	1613.9	2398.2	4279.0
-7.5°	395.2	375.0	423.2	523.7	639.5	743.1	875.9	1087.3	1424.1	1974.6	3075.2
-10°	408.6	372.7	406.5	489.3	602.4	714.8	814.4	988.7	1230.3	1631.6	2148.6
-12.5°	426.0	367.3	381.2	444.4	552.5	667.9	763.8	896.8	1079.8	1298.3	1626.6
-15°	437.8	376.9	369.3	412.0	494.2	601.0	709.4	793.4	931.8	1081.3	1232.6
-17.5°	417.3	403.9	362.6	375.6	430.2	525.1	624.9	718.4	795.0	899.4	988.2
-20°	394.0	432.0	373.6	361.4	388.4	443.3	532.0	620.2	701.4	761.8	812.3



REPORT NUMBER: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	374.5	407.4	412.1	354.5	360.8	391.5	439.3	516.1	588.9	656.4	706.8
-25°	355.3	381.2	416.3	400.9	354.4	359.2	382.8	418.3	478.1	534.0	582.8
-27.5°	339.4	360.8	389.1	422.2	401.9	351.2	353.8	363.1	394.5	421.2	461.7
-30°	325.9	343.1	366.3	393.3	419.1	409.9	364.0	348.0	352.7	362.1	380.3
-32.5°	313.4	328.1	345.0	365.6	384.3	404.9	425.7	392.2	357.8	344.3	347.1
-35°	299.0	313.3	327.3	340.6	354.2	369.3	386.0	405.3	422.4	406.8	384.3
-37.5°	280.0	296.5	310.2	320.8	331.4	341.2	354.6	367.7	381.7	400.5	414.4
-40°	249.3	274.9	290.5	304.1	312.8	320.2	329.4	338.6	353.3	370.1	385.0
-42.5°	213.9	239.3	264.7	281.3	293.9	302.1	308.0	313.9	332.6	349.0	362.4
-45°	182.0	203.9	224.5	246.7	266.3	276.5	284.7	295.9	313.7	330.7	344.5
-47.5°	157.1	172.9	190.8	207.6	221.3	236.7	250.7	268.6	286.0	303.3	318.2
-50°	136.8	148.8	162.8	174.6	184.7	194.6	203.6	221.0	240.6	259.3	277.2
-52.5°	120.8	130.5	140.1	147.3	154.4	160.5	166.8	181.5	196.0	209.6	226.7
-55°	107.4	115.0	122.2	126.1	129.9	133.2	139.0	150.3	161.2	171.4	189.0
-57.5°	95.1	101.4	106.5	108.6	110.2	111.4	117.3	126.3	134.7	143.5	160.4
-60°	82.2	88.9	92.4	93.4	94.0	94.3	101.0	108.7	115.8	124.5	140.2
-62.5°	68.2	74.3	77.2	78.4	79.2	79.3	87.7	95.5	102.6	113.4	130.2
-65°	55.1	59.8	61.7	62.8	63.3	65.3	75.6	84.8	93.2	110.3	136.9
-67.5°	44.9	46.9	48.0	48.6	49.2	53.6	65.6	76.7	87.0	109.0	143.8
-70°	35.5	36.5	37.3	37.9	38.4	43.5	54.8	66.6	78.8	91.0	104.0
-72.5°	26.6	27.5	28.1	28.7	29.1	33.4	41.2	49.6	58.6	64.1	68.1
-75°	18.4	19.4	20.1	20.5	20.8	23.8	28.1	32.6	37.3	39.7	41.5
-77.5°	11.5	12.4	12.9	13.3	13.6	15.5	18.0	20.5	23.1	24.5	25.6
-80°	6.5	7.0	7.4	7.7	7.9	8.8	9.9	11.0	12.2	12.6	12.9
-82.5°	3.5	3.7	3.9	4.0	4.2	4.3	4.4	4.6	4.6	4.7	4.8
-85°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
-87.5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	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: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
82.5°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.6	4.6
80°	13.1	13.3	12.7	12.1	12.7	13.3	13.1	12.9	12.6	12.2	11.0
77.5°	26.7	27.6	26.7	25.5	26.7	27.6	26.7	25.6	24.5	23.1	20.5
75°	43.0	44.4	43.6	42.5	43.6	44.4	43.0	41.5	39.7	37.3	32.6
72.5°	71.9	75.4	74.5	72.8	74.5	75.4	71.9	68.1	64.1	58.6	49.6
70°	117.6	131.4	130.9	127.5	130.9	131.4	117.6	104.0	91.0	78.8	66.6
67.5°	181.4	220.5	232.9	239.1	232.9	220.5	181.4	143.8	109.0	87.0	76.7
65°	161.6	185.2	194.6	201.5	194.6	185.2	161.6	136.9	110.3	93.2	84.8
62.5°	145.3	159.4	162.4	162.7	162.4	159.4	145.3	130.2	113.4	102.6	95.5
60°	155.5	170.4	172.6	170.0	172.6	170.4	155.5	140.2	124.5	115.8	108.7
57.5°	176.6	192.2	195.1	191.8	195.1	192.2	176.6	160.4	143.5	134.7	126.3
55°	205.8	221.5	226.8	225.8	226.8	221.5	205.8	189.0	171.4	161.2	150.3
52.5°	243.0	257.5	263.5	263.4	263.5	257.5	243.0	226.7	209.6	196.0	181.5
50°	292.8	305.8	312.3	313.2	312.3	305.8	292.8	277.2	259.3	240.6	221.0
47.5°	328.8	337.3	341.7	342.3	341.7	337.3	328.8	318.2	303.3	286.0	268.6
45°	350.7	355.3	358.8	361.8	358.8	355.3	350.7	344.5	330.7	313.7	295.9
42.5°	371.4	381.0	388.1	389.7	388.1	381.0	371.4	362.4	349.0	332.6	313.9
40°	399.2	412.4	425.0	438.2	425.0	412.4	399.2	385.0	370.1	353.3	338.6
37.5°	428.8	443.4	455.6	462.5	455.6	443.4	428.8	414.4	400.5	381.7	367.7
35°	368.4	358.8	353.1	350.8	353.1	358.8	368.4	384.3	406.8	422.4	405.3
32.5°	348.7	349.4	348.3	346.0	348.3	349.4	348.7	347.1	344.3	357.8	392.2
30°	393.8	400.2	400.9	400.6	400.9	400.2	393.8	380.3	362.1	352.7	348.0
27.5°	491.6	508.0	513.1	523.2	513.1	508.0	491.6	461.7	421.2	394.5	363.1
25°	620.6	645.4	657.2	661.6	657.2	645.4	620.6	582.8	534.0	478.1	418.3
22.5°	735.2	754.1	765.1	774.5	765.1	754.1	735.2	706.8	656.4	588.9	516.1
20°	871.1	905.6	921.4	922.6	921.4	905.6	871.1	812.3	761.8	701.4	620.2
17.5°	1083.2	1150.3	1183.8	1193.3	1183.8	1150.3	1083.2	988.2	899.4	795.0	718.4
15°	1417.8	1589.1	1677.3	1719.0	1677.3	1589.1	1417.8	1232.6	1081.3	931.8	793.4
12.5°	1963.7	2350.0	2662.4	2780.0	2662.4	2350.0	1963.7	1626.6	1298.3	1079.8	896.8
10°	3045.2	4198.9	5546.6	6175.4	5546.6	4198.9	3045.2	2148.6	1631.6	1230.3	988.7
7.5°	5891.2	13678.3	26510.8	32632.2	26510.8	13678.3	5891.2	3075.2	1974.6	1424.1	1087.3
5°	12557.2	54193.2	97053.2	113997.3	97053.2	54193.2	12557.2	4279.0	2398.2	1613.9	1159.0
2.5°	20001.0	88883.9	167709.7	196101.8	167709.7	88883.9	20001.0	5626.7	2791.9	1733.8	1210.5
0°	23897.2	93667.3	185063.9	213393.2	185063.9	93667.3	23897.2	5807.5	2937.2	1769.9	1226.1
-2.5°	20001.0	88883.9	167709.7	196101.7	167709.7	88883.9	20001.0	5626.7	2791.9	1733.8	1210.5
-5°	12557.2	54193.2	97053.2	113997.3	97053.2	54193.2	12557.2	4279.0	2398.2	1613.9	1159.0
-7.5°	5891.2	13678.3	26510.8	32632.2	26510.8	13678.3	5891.2	3075.2	1974.6	1424.1	1087.3
-10°	3045.2	4198.9	5546.6	6175.4	5546.6	4198.9	3045.2	2148.6	1631.6	1230.3	988.7
-12.5°	1963.7	2350.0	2662.4	2780.0	2662.4	2350.0	1963.7	1626.6	1298.3	1079.8	896.8
-15°	1417.8	1589.1	1677.3	1719.0	1677.3	1589.1	1417.8	1232.6	1081.3	931.8	793.4
-17.5°	1083.2	1150.3	1183.8	1193.3	1183.8	1150.3	1083.2	988.2	899.4	795.0	718.4
-20°	871.1	905.6	921.4	922.6	921.4	905.6	871.1	812.3	761.8	701.4	620.2



REPORT NUMBER: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-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°	735.2	754.1	765.1	774.5	765.1	754.1	735.2	706.8	656.4	588.9	516.1
-25°	620.6	645.4	657.2	661.6	657.2	645.4	620.6	582.8	534.0	478.1	418.3
-27.5°	491.6	508.0	513.1	523.2	513.1	508.0	491.6	461.7	421.2	394.5	363.1
-30°	393.8	400.2	400.9	400.6	400.9	400.2	393.8	380.3	362.1	352.7	348.0
-32.5°	348.7	349.4	348.3	346.0	348.3	349.4	348.7	347.1	344.3	357.8	392.2
-35°	368.4	358.8	353.1	350.8	353.1	358.8	368.4	384.3	406.8	422.4	405.3
-37.5°	428.8	443.4	455.6	462.5	455.6	443.4	428.8	414.4	400.5	381.7	367.7
-40°	399.2	412.4	425.0	438.2	425.0	412.4	399.2	385.0	370.1	353.3	338.6
-42.5°	371.4	381.0	388.1	389.7	388.1	381.0	371.4	362.4	349.0	332.6	313.9
-45°	350.7	355.3	358.8	361.8	358.8	355.3	350.7	344.5	330.7	313.7	295.9
-47.5°	328.8	337.3	341.7	342.3	341.7	337.3	328.8	318.2	303.3	286.0	268.6
-50°	292.8	305.8	312.3	313.2	312.3	305.8	292.8	277.2	259.3	240.6	221.0
-52.5°	243.0	257.5	263.5	263.4	263.5	257.5	243.0	226.7	209.6	196.0	181.5
-55°	205.8	221.5	226.8	225.8	226.8	221.5	205.8	189.0	171.4	161.2	150.3
-57.5°	176.6	192.2	195.1	191.8	195.1	192.2	176.6	160.4	143.5	134.7	126.3
-60°	155.5	170.4	172.6	170.0	172.6	170.4	155.5	140.2	124.5	115.8	108.7
-62.5°	145.3	159.4	162.4	162.7	162.4	159.4	145.3	130.2	113.4	102.6	95.5
-65°	161.6	185.2	194.6	201.5	194.6	185.2	161.6	136.9	110.3	93.2	84.8
-67.5°	181.4	220.5	232.9	239.1	232.9	220.5	181.4	143.8	109.0	87.0	76.7
-70°	117.6	131.4	130.9	127.5	130.9	131.4	117.6	104.0	91.0	78.8	66.6
-72.5°	71.9	75.4	74.5	72.8	74.5	75.4	71.9	68.1	64.1	58.6	49.6
-75°	43.0	44.4	43.6	42.5	43.6	44.4	43.0	41.5	39.7	37.3	32.6
-77.5°	26.7	27.6	26.7	25.5	26.7	27.6	26.7	25.6	24.5	23.1	20.5
-80°	13.1	13.3	12.7	12.1	12.7	13.3	13.1	12.9	12.6	12.2	11.0
-82.5°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.6	4.6
-85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	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: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-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°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.8
85°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
82.5°	4.4	4.3	4.2	4.0	3.9	3.7	3.5	3.3	3.1	2.9	2.7
80°	9.9	8.8	7.9	7.7	7.4	7.0	6.5	5.8	5.2	4.8	4.5
77.5°	18.0	15.5	13.6	13.3	12.9	12.4	11.5	10.3	9.2	8.3	7.4
75°	28.1	23.8	20.8	20.5	20.1	19.4	18.4	16.8	15.1	13.3	11.7
72.5°	41.2	33.4	29.1	28.7	28.1	27.5	26.6	25.2	23.1	20.2	17.6
70°	54.8	43.5	38.4	37.9	37.3	36.5	35.5	34.4	33.2	31.2	27.2
67.5°	65.6	53.6	49.2	48.6	48.0	46.9	44.9	43.1	41.6	39.9	35.9
65°	75.6	65.3	63.3	62.8	61.7	59.8	55.1	51.6	49.2	47.0	42.7
62.5°	87.7	79.3	79.2	78.4	77.2	74.3	68.2	62.6	57.5	53.0	49.4
60°	101.0	94.3	94.0	93.4	92.4	88.9	82.2	75.1	67.4	62.4	57.5
57.5°	117.3	111.4	110.2	108.6	106.5	101.4	95.1	88.6	80.9	73.8	67.0
55°	139.0	133.2	129.9	126.1	122.2	115.0	107.4	99.9	93.0	86.7	78.9
52.5°	166.8	160.5	154.4	147.3	140.1	130.5	120.8	112.4	104.5	97.6	90.3
50°	203.6	194.6	184.7	174.6	162.8	148.8	136.8	126.0	117.2	109.0	100.7
47.5°	250.7	236.7	221.3	207.6	190.8	172.9	157.1	141.8	131.7	120.8	111.6
45°	284.7	276.5	266.3	246.7	224.5	203.9	182.0	164.5	148.3	135.4	122.5
42.5°	308.0	302.1	293.9	281.3	264.7	239.3	213.9	190.8	169.8	151.8	135.5
40°	329.4	320.2	312.8	304.1	290.5	274.9	249.3	220.3	194.9	171.6	148.6
37.5°	354.6	341.2	331.4	320.8	310.2	296.5	280.0	254.1	221.8	192.4	164.6
35°	386.0	369.3	354.2	340.6	327.3	313.3	299.0	281.8	252.2	215.1	181.8
32.5°	425.7	404.9	384.3	365.6	345.0	328.1	313.4	298.1	278.4	240.7	202.3
30°	364.0	409.9	419.1	393.3	366.3	343.1	325.9	310.8	292.4	266.6	223.0
27.5°	353.8	351.2	401.9	422.2	389.1	360.8	339.4	321.8	305.4	282.8	246.7
25°	382.8	359.2	354.4	400.9	416.3	381.2	355.3	334.2	315.2	296.2	274.7
22.5°	439.3	391.5	360.8	354.5	412.1	407.4	374.5	347.3	326.7	314.5	294.1
20°	532.0	443.3	388.4	361.4	373.6	432.0	394.0	365.2	346.1	331.5	312.1
17.5°	624.9	525.1	430.2	375.6	362.6	403.9	417.3	386.7	363.1	349.0	330.1
15°	709.4	601.0	494.2	412.0	369.3	376.9	437.8	406.6	379.0	365.1	344.7
12.5°	763.8	667.9	552.5	444.4	381.2	367.3	426.0	424.3	395.8	374.6	354.2
10°	814.4	714.8	602.4	489.3	406.5	372.7	408.6	438.8	409.2	382.2	361.9
7.5°	875.9	743.1	639.5	523.7	423.2	375.0	395.2	452.1	421.4	389.9	367.8
5°	913.8	762.7	661.5	543.6	430.8	375.0	385.1	463.9	432.3	397.3	372.3
2.5°	937.4	773.6	672.3	554.4	433.0	373.0	380.6	474.8	443.0	401.6	373.5
0°	940.8	772.1	678.6	558.4	432.2	369.0	383.6	484.4	452.8	404.2	373.9
-2.5°	937.4	773.6	672.3	554.4	433.0	373.0	380.6	474.8	443.0	401.6	373.5
-5°	913.8	762.7	661.5	543.6	430.8	375.0	385.1	463.9	432.3	397.3	372.3
-7.5°	875.9	743.1	639.5	523.7	423.2	375.0	395.2	452.1	421.4	389.9	367.8
-10°	814.4	714.8	602.4	489.3	406.5	372.7	408.6	438.8	409.2	382.2	361.9
-12.5°	763.8	667.9	552.5	444.4	381.2	367.3	426.0	424.3	395.8	374.6	354.2
-15°	709.4	601.0	494.2	412.0	369.3	376.9	437.8	406.6	379.0	365.1	344.7
-17.5°	624.9	525.1	430.2	375.6	362.6	403.9	417.3	386.7	363.1	349.0	330.1
-20°	532.0	443.3	388.4	361.4	373.6	432.0	394.0	365.2	346.1	331.5	312.1



REPORT NUMBER: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	439.3	391.5	360.8	354.5	412.1	407.4	374.5	347.3	326.7	314.5	294.1
-25°	382.8	359.2	354.4	400.9	416.3	381.2	355.3	334.2	315.2	296.2	274.7
-27.5°	353.8	351.2	401.9	422.2	389.1	360.8	339.4	321.8	305.4	282.8	246.7
-30°	364.0	409.9	419.1	393.3	366.3	343.1	325.9	310.8	292.4	266.6	223.0
-32.5°	425.7	404.9	384.3	365.6	345.0	328.1	313.4	298.1	278.4	240.7	202.3
-35°	386.0	369.3	354.2	340.6	327.3	313.3	299.0	281.8	252.2	215.1	181.8
-37.5°	354.6	341.2	331.4	320.8	310.2	296.5	280.0	254.1	221.8	192.4	164.6
-40°	329.4	320.2	312.8	304.1	290.5	274.9	249.3	220.3	194.9	171.6	148.6
-42.5°	308.0	302.1	293.9	281.3	264.7	239.3	213.9	190.8	169.8	151.8	135.5
-45°	284.7	276.5	266.3	246.7	224.5	203.9	182.0	164.5	148.3	135.4	122.5
-47.5°	250.7	236.7	221.3	207.6	190.8	172.9	157.1	141.8	131.7	120.8	111.6
-50°	203.6	194.6	184.7	174.6	162.8	148.8	136.8	126.0	117.2	109.0	100.7
-52.5°	166.8	160.5	154.4	147.3	140.1	130.5	120.8	112.4	104.5	97.6	90.3
-55°	139.0	133.2	129.9	126.1	122.2	115.0	107.4	99.9	93.0	86.7	78.9
-57.5°	117.3	111.4	110.2	108.6	106.5	101.4	95.1	88.6	80.9	73.8	67.0
-60°	101.0	94.3	94.0	93.4	92.4	88.9	82.2	75.1	67.4	62.4	57.5
-62.5°	87.7	79.3	79.2	78.4	77.2	74.3	68.2	62.6	57.5	53.0	49.4
-65°	75.6	65.3	63.3	62.8	61.7	59.8	55.1	51.6	49.2	47.0	42.7
-67.5°	65.6	53.6	49.2	48.6	48.0	46.9	44.9	43.1	41.6	39.9	35.9
-70°	54.8	43.5	38.4	37.9	37.3	36.5	35.5	34.4	33.2	31.2	27.2
-72.5°	41.2	33.4	29.1	28.7	28.1	27.5	26.6	25.2	23.1	20.2	17.6
-75°	28.1	23.8	20.8	20.5	20.1	19.4	18.4	16.8	15.1	13.3	11.7
-77.5°	18.0	15.5	13.6	13.3	12.9	12.4	11.5	10.3	9.2	8.3	7.4
-80°	9.9	8.8	7.9	7.7	7.4	7.0	6.5	5.8	5.2	4.8	4.5
-82.5°	4.4	4.3	4.2	4.0	3.9	3.7	3.5	3.3	3.1	2.9	2.7
-85°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-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°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7
85°	1.6	1.5	1.5	1.4	1.6	1.8	1.9	2.0	1.8	1.6	1.4
82.5°	2.5	2.3	2.2	2.1	2.1	2.1	2.2	2.4	2.4	2.4	2.2
80°	4.1	3.8	3.5	3.1	2.8	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	6.8	6.0	5.1	4.5	4.1	3.6	3.1	2.7	2.4	2.4	2.4
75°	10.4	9.5	8.5	7.3	6.0	4.8	4.3	3.7	3.2	2.5	2.4
72.5°	16.0	14.4	12.6	10.6	8.9	7.3	5.9	4.8	4.3	3.6	2.7
70°	23.3	19.9	17.7	15.1	12.3	9.8	8.0	6.7	5.4	4.6	3.7
67.5°	31.6	27.0	23.2	19.6	16.3	13.2	10.3	8.7	7.3	5.7	4.7
65°	37.9	33.2	28.7	24.5	20.5	16.7	13.4	11.1	9.3	7.5	5.7
62.5°	44.6	38.9	34.0	29.4	24.8	20.5	16.5	14.3	11.5	9.3	7.2
60°	52.1	46.4	39.5	34.2	29.2	24.2	20.3	17.5	14.5	11.2	8.8
57.5°	61.2	54.7	46.9	39.5	33.6	28.1	24.3	21.2	17.6	13.8	10.5
55°	71.0	63.3	54.0	45.6	38.3	32.1	28.7	25.1	20.8	16.7	12.2
52.5°	82.0	71.9	61.5	51.7	43.2	36.8	33.6	29.1	24.6	19.5	15.0
50°	92.4	80.9	69.1	58.2	48.0	42.8	38.9	34.0	28.4	22.6	17.9
47.5°	101.0	89.1	77.0	64.7	53.7	49.3	44.9	39.1	32.2	26.0	21.0
45°	109.8	96.6	84.3	71.6	61.4	56.7	51.5	44.4	37.1	30.2	24.1
42.5°	118.5	104.4	90.8	78.1	70.2	64.2	58.5	50.7	42.0	34.5	27.7
40°	129.6	112.3	97.2	85.9	78.8	71.6	65.3	57.3	47.2	39.3	31.6
37.5°	140.4	121.3	104.2	94.3	86.9	79.1	71.9	64.2	53.7	44.7	35.5
35°	154.3	130.8	114.2	103.1	94.4	86.4	78.4	70.8	61.2	50.2	39.6
32.5°	167.7	142.7	125.7	112.0	101.4	93.3	84.8	79.2	69.0	55.8	43.7
30°	185.7	158.6	136.9	120.4	108.5	99.6	92.8	88.6	77.1	61.4	47.9
27.5°	207.9	174.2	148.4	129.7	115.8	105.9	103.4	98.9	85.4	67.4	52.5
25°	230.4	192.6	162.2	139.2	122.7	116.4	113.9	110.1	94.0	74.2	57.1
22.5°	255.4	211.3	175.6	148.1	134.5	126.6	123.9	119.5	103.1	81.0	61.5
20°	279.6	229.1	189.3	163.0	147.2	137.5	133.3	128.8	112.5	87.8	65.9
17.5°	301.6	249.1	208.6	179.2	160.1	148.1	142.4	138.0	122.3	94.4	70.1
15°	316.2	270.4	226.6	194.4	172.4	158.5	151.2	147.0	132.1	100.9	73.1
12.5°	328.7	289.1	242.8	208.5	184.3	168.6	159.7	155.8	142.0	105.1	74.7
10°	339.1	305.2	257.3	221.6	195.5	178.4	167.9	162.0	145.7	107.3	76.1
7.5°	347.6	318.8	270.1	233.7	204.7	183.3	169.1	163.1	148.0	108.9	77.2
5°	353.6	326.8	276.2	236.8	205.5	183.0	169.2	164.0	149.6	109.9	78.1
2.5°	354.5	327.7	277.8	237.8	205.6	182.1	169.0	164.7	150.4	110.5	78.7
0°	354.5	326.6	278.0	237.9	205.2	180.9	168.7	165.1	150.5	110.5	78.9
-2.5°	354.5	327.7	277.8	237.8	205.6	182.1	169.0	164.7	150.4	110.5	78.7
-5°	353.6	326.8	276.2	236.8	205.5	183.0	169.2	164.0	149.6	109.9	78.1
-7.5°	347.6	318.8	270.1	233.7	204.7	183.3	169.1	163.1	148.0	108.9	77.2
-10°	339.1	305.2	257.3	221.6	195.5	178.4	167.9	162.0	145.7	107.3	76.1
-12.5°	328.7	289.1	242.8	208.5	184.3	168.6	159.7	155.8	142.0	105.1	74.7
-15°	316.2	270.4	226.6	194.4	172.4	158.5	151.2	147.0	132.1	100.9	73.1
-17.5°	301.6	249.1	208.6	179.2	160.1	148.1	142.4	138.0	122.3	94.4	70.1
-20°	279.6	229.1	189.3	163.0	147.2	137.5	133.3	128.8	112.5	87.8	65.9



REPORT NUMBER: P558801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-935-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°	255.4	211.3	175.6	148.1	134.5	126.6	123.9	119.5	103.1	81.0	61.5
-25°	230.4	192.6	162.2	139.2	122.7	116.4	113.9	110.1	94.0	74.2	57.1
-27.5°	207.9	174.2	148.4	129.7	115.8	105.9	103.4	98.9	85.4	67.4	52.5
-30°	185.7	158.6	136.9	120.4	108.5	99.6	92.8	88.6	77.1	61.4	47.9
-32.5°	167.7	142.7	125.7	112.0	101.4	93.3	84.8	79.2	69.0	55.8	43.7
-35°	154.3	130.8	114.2	103.1	94.4	86.4	78.4	70.8	61.2	50.2	39.6
-37.5°	140.4	121.3	104.2	94.3	86.9	79.1	71.9	64.2	53.7	44.7	35.5
-40°	129.6	112.3	97.2	85.9	78.8	71.6	65.3	57.3	47.2	39.3	31.6
-42.5°	118.5	104.4	90.8	78.1	70.2	64.2	58.5	50.7	42.0	34.5	27.7
-45°	109.8	96.6	84.3	71.6	61.4	56.7	51.5	44.4	37.1	30.2	24.1
-47.5°	101.0	89.1	77.0	64.7	53.7	49.3	44.9	39.1	32.2	26.0	21.0
-50°	92.4	80.9	69.1	58.2	48.0	42.8	38.9	34.0	28.4	22.6	17.9
-52.5°	82.0	71.9	61.5	51.7	43.2	36.8	33.6	29.1	24.6	19.5	15.0
-55°	71.0	63.3	54.0	45.6	38.3	32.1	28.7	25.1	20.8	16.7	12.2
-57.5°	61.2	54.7	46.9	39.5	33.6	28.1	24.3	21.2	17.6	13.8	10.5
-60°	52.1	46.4	39.5	34.2	29.2	24.2	20.3	17.5	14.5	11.2	8.8
-62.5°	44.6	38.9	34.0	29.4	24.8	20.5	16.5	14.3	11.5	9.3	7.2
-65°	37.9	33.2	28.7	24.5	20.5	16.7	13.4	11.1	9.3	7.5	5.7
-67.5°	31.6	27.0	23.2	19.6	16.3	13.2	10.3	8.7	7.3	5.7	4.7
-70°	23.3	19.9	17.7	15.1	12.3	9.8	8.0	6.7	5.4	4.6	3.7
-72.5°	16.0	14.4	12.6	10.6	8.9	7.3	5.9	4.8	4.3	3.6	2.7
-75°	10.4	9.5	8.5	7.3	6.0	4.8	4.3	3.7	3.2	2.5	2.4
-77.5°	6.8	6.0	5.1	4.5	4.1	3.6	3.1	2.7	2.4	2.4	2.4
-80°	4.1	3.8	3.5	3.1	2.8	2.4	2.4	2.4	2.4	2.4	2.4
-82.5°	2.5	2.3	2.2	2.1	2.1	2.1	2.2	2.4	2.4	2.4	2.2
-85°	1.6	1.5	1.5	1.4	1.6	1.8	1.9	2.0	1.8	1.6	1.4
-87.5°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	1.0	0.9	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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
80°	2.4	2.1	1.7	1.2	0.8	0.4	0.0
77.5°	2.4	2.4	2.1	1.6	1.0	0.5	0.0
75°	2.4	2.4	2.4	1.9	1.2	0.6	0.0
72.5°	2.4	2.4	2.4	2.2	1.4	0.7	0.0
70°	2.5	2.4	2.4	2.4	1.6	0.8	0.0
67.5°	3.4	2.4	2.4	2.4	1.8	0.9	0.0
65°	4.4	2.8	2.4	2.4	2.0	1.0	0.0
62.5°	5.3	3.6	2.4	2.4	2.2	1.1	0.0
60°	6.2	4.4	2.4	2.4	2.4	1.2	0.0
57.5°	7.8	5.2	3.0	2.4	2.4	1.3	0.0
55°	9.4	6.0	3.7	2.4	2.4	1.4	0.0
52.5°	11.1	6.9	4.3	2.4	2.5	1.5	0.0
50°	12.9	8.5	5.0	2.4	2.5	1.5	0.0
47.5°	14.8	10.0	5.6	2.5	2.5	1.6	0.0
45°	17.5	11.5	6.2	3.0	2.5	1.7	0.0
42.5°	20.3	13.1	6.8	3.4	2.6	1.8	0.0
40°	23.1	14.6	7.7	3.9	2.6	1.8	0.0
37.5°	25.9	16.1	8.9	4.3	2.7	1.9	0.0
35°	28.7	18.1	10.1	4.6	2.7	2.0	0.0
32.5°	31.7	20.4	11.2	5.0	2.8	2.0	0.0
30°	35.0	22.5	12.3	5.3	2.8	2.1	0.0
27.5°	38.3	24.7	13.0	5.5	2.9	2.1	0.0
25°	41.5	26.8	13.6	5.7	3.0	2.2	0.0
22.5°	44.7	28.4	14.0	5.9	3.0	2.2	0.0
20°	47.7	29.0	14.3	6.0	3.1	2.3	0.0
17.5°	49.4	29.4	14.5	6.1	3.2	2.3	0.0
15°	50.0	29.6	14.6	6.2	3.2	2.3	0.0
12.5°	50.3	29.5	14.6	6.3	3.3	2.3	0.0
10°	50.5	29.3	14.6	6.3	3.4	2.4	0.0
7.5°	50.4	28.9	14.4	6.3	3.4	2.4	0.0
5°	50.0	28.3	14.1	6.2	3.5	2.4	0.0
2.5°	49.4	27.6	13.8	6.2	3.5	2.4	0.0
0°	48.6	26.7	13.4	6.1	3.6	2.4	0.0
-2.5°	49.4	27.6	13.8	6.2	3.5	2.4	0.0
-5°	50.0	28.3	14.1	6.2	3.5	2.4	0.0
-7.5°	50.4	28.9	14.4	6.3	3.4	2.4	0.0
-10°	50.5	29.3	14.6	6.3	3.4	2.4	0.0
-12.5°	50.3	29.5	14.6	6.3	3.3	2.3	0.0
-15°	50.0	29.6	14.6	6.2	3.2	2.3	0.0
-17.5°	49.4	29.4	14.5	6.1	3.2	2.3	0.0
-20°	47.7	29.0	14.3	6.0	3.1	2.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	44.7	28.4	14.0	5.9	3.0	2.2	0.0
-25°	41.5	26.8	13.6	5.7	3.0	2.2	0.0
-27.5°	38.3	24.7	13.0	5.5	2.9	2.1	0.0
-30°	35.0	22.5	12.3	5.3	2.8	2.1	0.0
-32.5°	31.7	20.4	11.2	5.0	2.8	2.0	0.0
-35°	28.7	18.1	10.1	4.6	2.7	2.0	0.0
-37.5°	25.9	16.1	8.9	4.3	2.7	1.9	0.0
-40°	23.1	14.6	7.7	3.9	2.6	1.8	0.0
-42.5°	20.3	13.1	6.8	3.4	2.6	1.8	0.0
-45°	17.5	11.5	6.2	3.0	2.5	1.7	0.0
-47.5°	14.8	10.0	5.6	2.5	2.5	1.6	0.0
-50°	12.9	8.5	5.0	2.4	2.5	1.5	0.0
-52.5°	11.1	6.9	4.3	2.4	2.5	1.5	0.0
-55°	9.4	6.0	3.7	2.4	2.4	1.4	0.0
-57.5°	7.8	5.2	3.0	2.4	2.4	1.3	0.0
-60°	6.2	4.4	2.4	2.4	2.4	1.2	0.0
-62.5°	5.3	3.6	2.4	2.4	2.2	1.1	0.0
-65°	4.4	2.8	2.4	2.4	2.0	1.0	0.0
-67.5°	3.4	2.4	2.4	2.4	1.8	0.9	0.0
-70°	2.5	2.4	2.4	2.4	1.6	0.8	0.0
-72.5°	2.4	2.4	2.4	2.2	1.4	0.7	0.0
-75°	2.4	2.4	2.4	1.9	1.2	0.6	0.0
-77.5°	2.4	2.4	2.1	1.6	1.0	0.5	0.0
-80°	2.4	2.1	1.7	1.2	0.8	0.4	0.0
-82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-85°	1.2	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)