

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: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2D-930-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

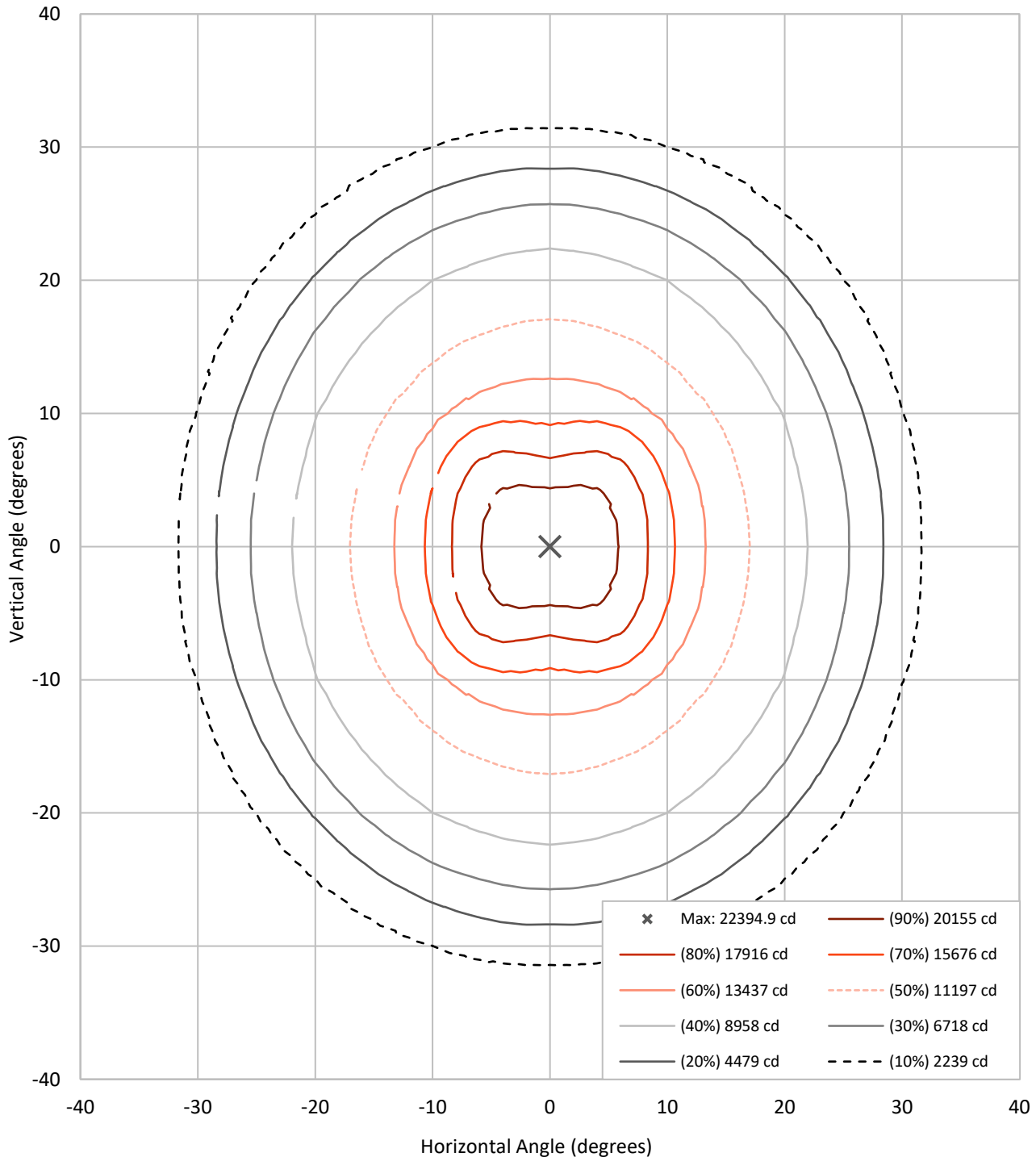
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	9906.8 lumens	Max Intensity:	22394.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	4219.7 lumens	Field Lumens:	8624.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 110
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





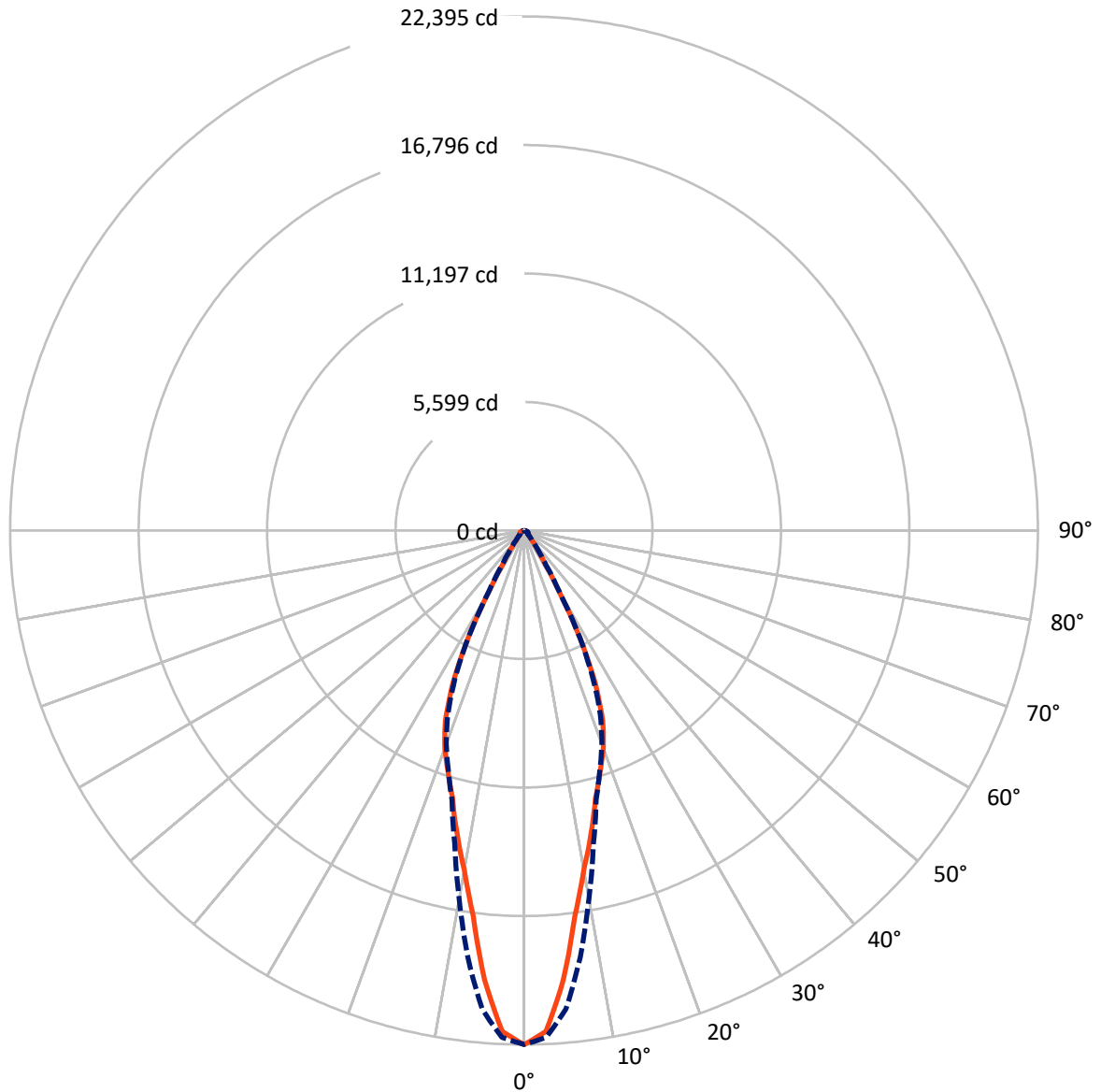
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Lumen Table

90	0.1	1.1		3.1		5.1		5.9		5.1		3.1		1.1		0.1			
80	0.1	1.1		3.1		5.1		5.9		5.1		3.1		1.1		0.1			
70	0.5	0.6	1.3	2.2	3.2	4.1	4.8	5.2	5.2	4.8	4.1	3.2	2.2	1.3	0.6	0.5			
60		0.9	2.0	3.5	4.8	5.4	5.7	5.9	5.9	5.7	5.4	4.8	3.5	2.0	0.9				
50	0.9	1.3	2.8	4.2	4.9	6.1	7.8	9.0	9.0	7.8	6.1	4.9	4.2	2.8	1.3	0.9			
40		1.6	3.3	4.3	6.4	12.6	24.0	36.7	36.7	24.0	12.6	6.4	4.3	3.3	1.6				
30	1.3	1.9	3.4	4.8	11.6	38.5	121.2	199.6	199.6	121.2	38.5	11.6	4.8	3.4	1.9	1.3			
20		2.1	3.4	5.9	21.7	114.3	270.0	357.6	357.6	270.0	114.3	21.7	5.9	3.4	2.1				
10	1.4	2.2	3.4	6.8	32.9	180.0	351.1	554.1	554.1	351.1	180.0	32.9	6.8	3.4	2.2	1.4			
0		2.2	3.4	6.8	32.9	180.0	351.1	554.1	554.1	351.1	180.0	32.9	6.8	3.4	2.2				
-10	1.3	2.1	3.4	5.9	21.7	114.3	270.0	357.6	357.6	270.0	114.3	21.7	5.9	3.4	2.1	1.3			
-20		1.9	3.4	4.8	11.6	38.5	121.2	199.6	199.6	121.2	38.5	11.6	4.8	3.4	1.9				
-30	0.9	1.6	3.3	4.3	6.4	12.6	24.0	36.7	36.7	24.0	12.6	6.4	4.3	3.3	1.6	0.9			
-40		1.3	2.8	4.2	4.9	6.1	7.8	9.0	9.0	7.8	6.1	4.9	4.2	2.8	1.3				
-50	0.5	0.9	2.0	3.5	4.8	5.4	5.7	5.9	5.9	5.7	5.4	4.8	3.5	2.0	0.9	0.5			
-60		0.6	1.3	2.2	3.2	4.1	4.8	5.2	5.2	4.8	4.1	3.2	2.2	1.3	0.6				
-70	0.1	1.1		3.1		5.1		5.9		5.1		3.1		1.1		0.1			
-80		1.1		3.1		5.1		5.9		5.1		3.1		1.1					
-90	0.1	1.1		3.1		5.1		5.9		5.1		3.1		1.1		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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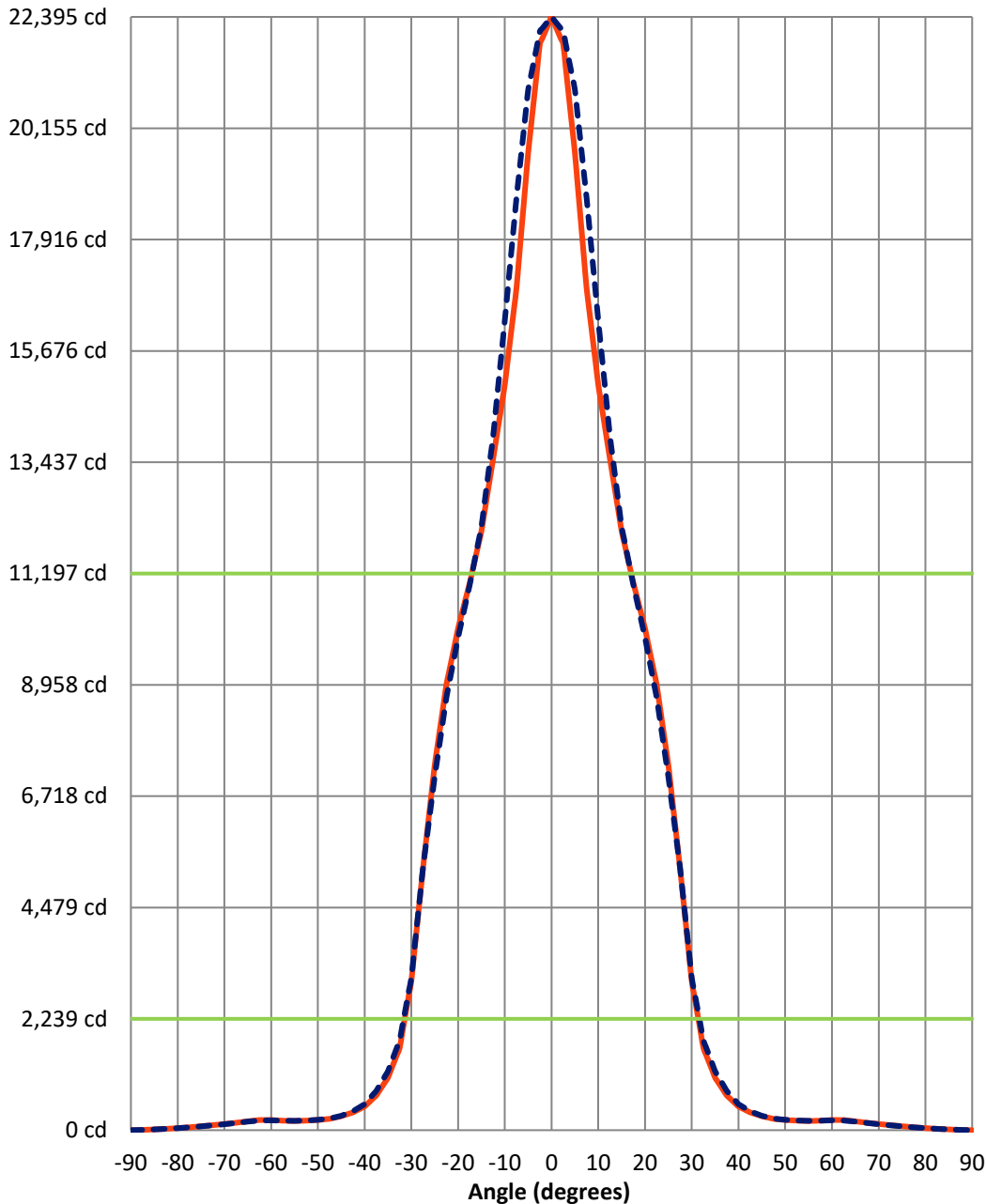
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 4219.7
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 8624.2
Efficiency: 87.1%

Spill:
Lumens: 1282.6
Efficiency: 12.9%

— 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	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
85°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
82.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	5.9	7.1	8.2
80°	0.0	1.0	2.0	3.0	3.9	4.9	6.0	7.7	9.3	10.8	12.2
77.5°	0.0	1.2	2.5	3.7	4.9	6.5	8.7	10.7	12.7	14.5	16.4
75°	0.0	1.5	2.9	4.4	6.0	8.6	11.3	13.7	16.0	18.5	21.1
72.5°	0.0	1.7	3.4	5.1	7.7	10.7	13.8	16.7	19.7	22.6	25.7
70°	0.0	1.9	3.9	5.9	9.3	12.8	16.4	19.8	23.2	26.7	31.2
67.5°	0.0	2.2	4.4	7.1	10.9	14.8	18.9	22.8	26.7	31.8	36.9
65°	0.0	2.4	4.8	8.3	12.4	16.9	21.5	25.8	31.2	36.9	42.9
62.5°	0.0	2.6	5.3	9.4	14.0	19.0	24.0	29.3	35.6	42.1	49.9
60°	0.0	2.8	5.7	10.5	15.5	21.2	26.5	33.1	39.9	48.3	56.7
57.5°	0.0	3.1	6.4	11.6	17.2	23.3	29.6	36.8	45.1	54.3	63.7
55°	0.0	3.3	7.1	12.6	18.8	25.4	32.7	40.5	50.3	60.2	70.6
52.5°	0.0	3.5	7.8	13.6	20.5	27.5	35.8	44.8	55.4	66.1	77.2
50°	0.0	3.7	8.5	14.6	22.1	29.9	38.7	49.1	60.3	71.8	84.2
47.5°	0.0	3.9	9.1	15.5	23.7	32.3	41.7	53.2	65.1	77.2	91.1
45°	0.0	4.0	9.7	16.7	25.2	34.6	45.0	57.1	69.6	83.2	97.8
42.5°	0.0	4.2	10.3	17.8	26.6	36.8	48.1	60.9	74.0	89.1	104.8
40°	0.0	4.4	10.9	18.8	28.2	38.9	51.1	64.6	78.5	94.8	111.5
37.5°	0.0	4.5	11.5	19.9	29.8	40.9	53.9	68.1	83.3	100.3	117.9
35°	0.0	4.7	12.0	20.8	31.3	43.0	56.5	71.4	87.9	105.6	124.0
32.5°	0.0	4.8	12.5	21.7	32.7	45.0	59.0	74.6	92.1	110.7	129.9
30°	0.0	4.9	13.0	22.5	34.1	46.9	61.6	77.7	96.0	115.4	135.3
27.5°	0.0	5.1	13.4	23.2	35.2	48.7	63.9	80.9	99.7	119.8	140.5
25°	0.0	5.2	13.8	23.9	36.3	50.3	66.1	83.8	103.3	123.9	145.2
22.5°	0.0	5.3	14.2	24.5	37.2	51.7	68.1	86.4	106.5	127.7	149.9
20°	0.0	5.4	14.6	25.0	38.0	52.9	69.9	88.8	109.4	131.1	154.1
17.5°	0.0	5.4	14.9	25.4	38.7	53.9	71.5	90.9	111.9	134.2	157.8
15°	0.0	5.5	15.2	25.8	39.4	54.8	72.9	92.7	114.2	136.8	161.0
12.5°	0.0	5.6	15.4	26.1	39.9	55.6	74.1	94.2	116.0	139.1	163.7
10°	0.0	5.6	15.6	26.3	40.3	56.2	75.1	95.5	117.5	141.1	166.0
7.5°	0.0	5.7	15.8	26.5	40.6	56.6	75.9	96.5	118.6	142.8	168.5
5°	0.0	5.7	15.9	26.6	40.8	56.9	76.4	97.2	119.3	144.0	170.5
2.5°	0.0	5.7	16.0	26.6	40.8	57.0	76.8	97.7	119.7	144.9	171.9
0°	0.0	5.7	16.1	26.6	40.8	57.0	76.9	97.8	119.7	145.3	172.9
-2.5°	0.0	5.7	16.0	26.6	40.8	57.0	76.8	97.7	119.7	144.9	171.9
-5°	0.0	5.7	15.9	26.6	40.8	56.9	76.4	97.2	119.3	144.0	170.5
-7.5°	0.0	5.7	15.8	26.5	40.6	56.6	75.9	96.5	118.6	142.8	168.5
-10°	0.0	5.6	15.6	26.3	40.3	56.2	75.1	95.5	117.5	141.1	166.0
-12.5°	0.0	5.6	15.4	26.1	39.9	55.6	74.1	94.2	116.0	139.1	163.7
-15°	0.0	5.5	15.2	25.8	39.4	54.8	72.9	92.7	114.2	136.8	161.0
-17.5°	0.0	5.4	14.9	25.4	38.7	53.9	71.5	90.9	111.9	134.2	157.8
-20°	0.0	5.4	14.6	25.0	38.0	52.9	69.9	88.8	109.4	131.1	154.1



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.3	14.2	24.5	37.2	51.7	68.1	86.4	106.5	127.7	149.9
-25°	0.0	5.2	13.8	23.9	36.3	50.3	66.1	83.8	103.3	123.9	145.2
-27.5°	0.0	5.1	13.4	23.2	35.2	48.7	63.9	80.9	99.7	119.8	140.5
-30°	0.0	4.9	13.0	22.5	34.1	46.9	61.6	77.7	96.0	115.4	135.3
-32.5°	0.0	4.8	12.5	21.7	32.7	45.0	59.0	74.6	92.1	110.7	129.9
-35°	0.0	4.7	12.0	20.8	31.3	43.0	56.5	71.4	87.9	105.6	124.0
-37.5°	0.0	4.5	11.5	19.9	29.8	40.9	53.9	68.1	83.3	100.3	117.9
-40°	0.0	4.4	10.9	18.8	28.2	38.9	51.1	64.6	78.5	94.8	111.5
-42.5°	0.0	4.2	10.3	17.8	26.6	36.8	48.1	60.9	74.0	89.1	104.8
-45°	0.0	4.0	9.7	16.7	25.2	34.6	45.0	57.1	69.6	83.2	97.8
-47.5°	0.0	3.9	9.1	15.5	23.7	32.3	41.7	53.2	65.1	77.2	91.1
-50°	0.0	3.7	8.5	14.6	22.1	29.9	38.7	49.1	60.3	71.8	84.2
-52.5°	0.0	3.5	7.8	13.6	20.5	27.5	35.8	44.8	55.4	66.1	77.2
-55°	0.0	3.3	7.1	12.6	18.8	25.4	32.7	40.5	50.3	60.2	70.6
-57.5°	0.0	3.1	6.4	11.6	17.2	23.3	29.6	36.8	45.1	54.3	63.7
-60°	0.0	2.8	5.7	10.5	15.5	21.2	26.5	33.1	39.9	48.3	56.7
-62.5°	0.0	2.6	5.3	9.4	14.0	19.0	24.0	29.3	35.6	42.1	49.9
-65°	0.0	2.4	4.8	8.3	12.4	16.9	21.5	25.8	31.2	36.9	42.9
-67.5°	0.0	2.2	4.4	7.1	10.9	14.8	18.9	22.8	26.7	31.8	36.9
-70°	0.0	1.9	3.9	5.9	9.3	12.8	16.4	19.8	23.2	26.7	31.2
-72.5°	0.0	1.7	3.4	5.1	7.7	10.7	13.8	16.7	19.7	22.6	25.7
-75°	0.0	1.5	2.9	4.4	6.0	8.6	11.3	13.7	16.0	18.5	21.1
-77.5°	0.0	1.2	2.5	3.7	4.9	6.5	8.7	10.7	12.7	14.5	16.4
-80°	0.0	1.0	2.0	3.0	3.9	4.9	6.0	7.7	9.3	10.8	12.2
-82.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.1	5.9	7.1	8.2
-85°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
-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):

	-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°	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.5
85°	5.3	5.7	6.4	7.1	7.7	8.3	8.8	9.2	9.7	10.2	10.7
82.5°	9.3	10.4	11.5	12.5	13.3	14.0	14.8	15.8	17.0	18.1	19.2
80°	13.7	15.1	16.9	18.7	20.3	21.9	23.5	25.1	26.7	28.4	30.1
77.5°	18.6	20.9	23.3	25.6	27.9	30.6	33.3	35.9	38.3	40.4	42.3
75°	23.8	26.7	30.1	33.7	37.1	40.5	43.9	47.5	50.8	53.7	56.4
72.5°	29.5	33.6	37.8	42.0	46.8	51.3	55.7	60.0	63.9	67.5	71.1
70°	35.8	40.6	46.2	51.9	57.4	62.6	67.7	72.5	77.0	81.7	86.8
67.5°	42.2	48.8	55.3	61.8	68.2	74.1	79.7	85.8	91.9	97.9	103.7
65°	49.9	57.2	64.7	72.1	79.1	86.2	93.4	100.4	107.5	114.4	120.7
62.5°	57.5	66.0	74.3	82.4	90.8	98.9	107.2	115.5	123.4	131.8	139.7
60°	65.6	74.8	83.9	93.1	102.4	112.2	121.5	131.2	140.9	150.3	159.4
57.5°	73.6	83.6	93.6	104.0	114.8	125.5	136.6	147.5	158.6	169.3	178.6
55°	81.4	92.2	103.4	115.3	127.2	139.5	151.8	164.5	176.5	185.5	194.0
52.5°	89.2	100.8	113.7	126.6	139.9	153.6	168.0	180.2	190.2	197.9	199.8
50°	96.9	110.2	123.7	137.9	152.6	168.2	181.9	192.9	198.6	200.8	199.6
47.5°	105.0	119.3	133.8	149.1	165.5	180.4	193.4	199.0	201.7	198.8	195.2
45°	113.0	128.3	143.7	160.5	176.9	191.0	198.3	202.3	198.7	195.2	192.7
42.5°	120.7	137.1	154.0	171.3	186.5	196.5	201.1	198.8	195.7	193.0	193.9
40°	128.4	145.5	164.0	180.3	194.1	199.2	198.4	195.5	193.7	194.9	198.8
37.5°	135.7	154.4	173.3	189.1	196.5	198.6	195.2	193.3	194.7	199.2	207.7
35°	142.7	163.0	180.9	194.1	199.1	195.7	193.2	192.9	198.0	207.1	219.8
32.5°	149.8	171.1	188.1	196.4	197.2	193.3	191.4	195.8	203.9	215.9	237.3
30°	156.6	177.3	193.4	198.4	195.0	191.9	193.0	199.3	210.2	230.2	264.8
27.5°	162.9	183.0	195.0	197.5	193.0	190.5	195.2	204.7	220.5	247.2	296.6
25°	168.7	188.1	196.5	195.6	191.7	191.4	197.8	209.5	231.3	274.5	342.2
22.5°	173.4	192.8	198.0	193.9	190.4	193.0	201.9	218.1	247.3	300.3	389.7
20°	177.2	194.0	197.7	192.3	189.1	194.2	205.6	226.6	268.9	340.6	443.3
17.5°	180.7	195.0	196.4	191.3	189.9	196.2	209.3	234.1	288.0	375.2	494.7
15°	183.8	195.9	195.1	190.4	190.8	198.9	215.5	248.3	311.0	407.8	540.9
12.5°	186.4	196.7	193.9	189.6	191.5	201.1	220.8	261.3	333.6	443.2	615.0
10°	188.7	197.4	192.8	189.0	192.0	202.9	225.0	271.5	351.0	473.2	677.2
7.5°	190.7	197.9	191.8	188.5	192.2	204.2	228.3	279.1	363.4	497.3	723.7
5°	192.3	198.2	191.3	188.3	192.9	205.6	230.7	283.9	371.0	514.9	754.8
2.5°	193.3	198.4	191.0	188.1	193.9	207.5	232.7	288.0	377.7	523.6	776.9
0°	193.8	198.5	190.9	188.1	194.7	209.0	233.7	289.7	380.9	523.4	790.4
-2.5°	193.3	198.4	191.0	188.1	193.9	207.5	232.7	288.0	377.7	523.6	776.9
-5°	192.3	198.2	191.3	188.3	192.9	205.6	230.7	283.9	371.0	514.9	754.8
-7.5°	190.7	197.9	191.8	188.5	192.2	204.2	228.3	279.1	363.4	497.3	723.7
-10°	188.7	197.4	192.8	189.0	192.0	202.9	225.0	271.5	351.0	473.2	677.2
-12.5°	186.4	196.7	193.9	189.6	191.5	201.1	220.8	261.3	333.6	443.2	615.0
-15°	183.8	195.9	195.1	190.4	190.8	198.9	215.5	248.3	311.0	407.8	540.9
-17.5°	180.7	195.0	196.4	191.3	189.9	196.2	209.3	234.1	288.0	375.2	494.7
-20°	177.2	194.0	197.7	192.3	189.1	194.2	205.6	226.6	268.9	340.6	443.3



REPORT NUMBER: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	173.4	192.8	198.0	193.9	190.4	193.0	201.9	218.1	247.3	300.3	389.7
-25°	168.7	188.1	196.5	195.6	191.7	191.4	197.8	209.5	231.3	274.5	342.2
-27.5°	162.9	183.0	195.0	197.5	193.0	190.5	195.2	204.7	220.5	247.2	296.6
-30°	156.6	177.3	193.4	198.4	195.0	191.9	193.0	199.3	210.2	230.2	264.8
-32.5°	149.8	171.1	188.1	196.4	197.2	193.3	191.4	195.8	203.9	215.9	237.3
-35°	142.7	163.0	180.9	194.1	199.1	195.7	193.2	192.9	198.0	207.1	219.8
-37.5°	135.7	154.4	173.3	189.1	196.5	198.6	195.2	193.3	194.7	199.2	207.7
-40°	128.4	145.5	164.0	180.3	194.1	199.2	198.4	195.5	193.7	194.9	198.8
-42.5°	120.7	137.1	154.0	171.3	186.5	196.5	201.1	198.8	195.7	193.0	193.9
-45°	113.0	128.3	143.7	160.5	176.9	191.0	198.3	202.3	198.7	195.2	192.7
-47.5°	105.0	119.3	133.8	149.1	165.5	180.4	193.4	199.0	201.7	198.8	195.2
-50°	96.9	110.2	123.7	137.9	152.6	168.2	181.9	192.9	198.6	200.8	199.6
-52.5°	89.2	100.8	113.7	126.6	139.9	153.6	168.0	180.2	190.2	197.9	199.8
-55°	81.4	92.2	103.4	115.3	127.2	139.5	151.8	164.5	176.5	185.5	194.0
-57.5°	73.6	83.6	93.6	104.0	114.8	125.5	136.6	147.5	158.6	169.3	178.6
-60°	65.6	74.8	83.9	93.1	102.4	112.2	121.5	131.2	140.9	150.3	159.4
-62.5°	57.5	66.0	74.3	82.4	90.8	98.9	107.2	115.5	123.4	131.8	139.7
-65°	49.9	57.2	64.7	72.1	79.1	86.2	93.4	100.4	107.5	114.4	120.7
-67.5°	42.2	48.8	55.3	61.8	68.2	74.1	79.7	85.8	91.9	97.9	103.7
-70°	35.8	40.6	46.2	51.9	57.4	62.6	67.7	72.5	77.0	81.7	86.8
-72.5°	29.5	33.6	37.8	42.0	46.8	51.3	55.7	60.0	63.9	67.5	71.1
-75°	23.8	26.7	30.1	33.7	37.1	40.5	43.9	47.5	50.8	53.7	56.4
-77.5°	18.6	20.9	23.3	25.6	27.9	30.6	33.3	35.9	38.3	40.4	42.3
-80°	13.7	15.1	16.9	18.7	20.3	21.9	23.5	25.1	26.7	28.4	30.1
-82.5°	9.3	10.4	11.5	12.5	13.3	14.0	14.8	15.8	17.0	18.1	19.2
-85°	5.3	5.7	6.4	7.1	7.7	8.3	8.8	9.2	9.7	10.2	10.7
-87.5°	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.5
-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: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MR-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°	4.7	4.6	4.5	4.4	4.3	4.3	4.4	4.5	4.5	4.8	5.1
85°	11.1	11.6	12.1	12.7	13.2	13.6	13.9	14.2	14.5	14.7	14.9
82.5°	20.3	21.3	22.3	23.2	24.0	24.7	25.3	25.8	26.2	26.6	26.9
80°	31.6	33.0	34.3	35.4	36.4	37.3	38.0	38.5	39.0	39.9	40.8
77.5°	44.3	46.3	48.1	49.8	51.3	52.8	54.2	55.4	56.5	57.4	58.0
75°	59.0	61.5	64.0	66.3	68.4	70.6	72.7	74.6	76.3	77.5	78.3
72.5°	74.8	78.1	81.2	84.1	86.7	89.4	92.0	94.3	96.4	98.0	99.3
70°	91.7	96.0	99.6	102.9	106.2	109.5	112.7	115.5	117.9	119.9	121.5
67.5°	109.2	114.2	118.6	123.0	127.3	131.4	135.3	138.9	142.3	144.8	146.5
65°	127.0	133.5	139.4	144.7	149.5	154.1	159.0	163.5	167.6	170.9	173.5
62.5°	147.3	154.6	161.2	167.2	172.6	176.9	181.5	185.8	189.5	193.0	196.5
60°	168.0	176.1	182.0	187.0	191.7	195.8	197.4	199.0	200.2	201.4	202.7
57.5°	186.0	193.0	198.0	199.2	200.2	201.1	200.5	198.9	197.2	195.5	194.2
55°	198.6	200.5	202.8	201.0	198.3	195.7	193.4	191.8	190.3	188.9	187.8
52.5°	201.9	200.0	197.6	195.1	193.2	191.2	189.1	189.5	190.1	190.6	190.8
50°	197.0	194.7	193.5	192.0	192.3	193.2	194.0	195.9	198.3	199.9	201.3
47.5°	193.2	191.7	193.6	196.1	198.3	202.3	206.0	209.6	215.0	219.4	222.9
45°	192.1	195.7	199.5	205.4	210.5	219.5	228.0	235.0	248.2	260.2	269.7
42.5°	197.6	203.8	210.5	222.0	234.4	250.3	270.7	287.9	308.1	327.0	340.6
40°	206.5	215.7	230.9	249.3	278.3	304.0	337.8	366.7	393.9	422.6	444.3
37.5°	219.4	236.4	264.9	298.1	342.0	384.2	430.8	476.0	514.5	572.8	618.5
35°	238.6	273.0	313.4	368.9	426.2	490.9	559.0	646.7	724.0	814.6	899.8
32.5°	273.5	320.1	383.4	458.4	534.6	646.2	751.4	893.9	1022.0	1181.9	1353.9
30°	314.3	383.8	469.0	566.9	704.9	858.3	1031.2	1249.9	1509.8	1819.2	2234.4
27.5°	370.5	459.9	566.9	725.7	921.4	1127.0	1433.7	1801.2	2471.2	3055.1	3828.8
25°	431.1	540.3	709.5	922.8	1180.4	1550.6	2150.2	2915.2	3998.6	5034.6	5862.8
22.5°	501.0	660.4	874.0	1139.5	1556.4	2273.2	3204.1	4551.2	5759.4	6804.3	7609.0
20°	578.3	778.3	1065.3	1471.0	2181.0	3230.8	4725.3	6107.8	7341.8	8241.3	8952.3
17.5°	678.5	939.7	1303.9	1863.7	2953.5	4571.1	6111.8	7478.3	8552.0	9342.3	9972.6
15°	772.0	1088.2	1560.3	2515.4	4002.8	5731.7	7311.0	8530.0	9459.1	10194.5	10761.2
12.5°	882.4	1255.1	1860.0	3078.4	4967.7	6689.2	8162.4	9300.6	10195.4	10884.7	11644.3
10°	980.6	1434.6	2289.4	3828.7	5760.0	7441.7	8872.3	9895.2	10792.5	11690.8	12829.7
7.5°	1061.8	1585.3	2641.5	4461.7	6368.4	7998.4	9301.6	10323.7	11312.6	12512.4	14155.1
5°	1126.2	1698.9	2931.3	4939.7	6810.6	8395.7	9629.5	10665.6	11782.5	13387.5	15591.9
2.5°	1169.3	1773.3	3112.4	5228.4	7089.7	8623.5	9872.6	10889.2	12060.2	13877.4	16180.6
0°	1186.5	1807.7	3066.4	5280.7	7106.5	8697.7	9908.8	10972.8	12139.3	13959.4	16288.6
-2.5°	1169.3	1773.3	3112.4	5228.4	7089.7	8623.5	9872.6	10889.2	12060.2	13877.4	16180.6
-5°	1126.2	1698.9	2931.3	4939.7	6810.6	8395.7	9629.5	10665.6	11782.5	13387.5	15591.9
-7.5°	1061.8	1585.3	2641.5	4461.7	6368.4	7998.4	9301.6	10323.7	11312.6	12512.4	14155.1
-10°	980.6	1434.6	2289.4	3828.7	5760.0	7441.7	8872.3	9895.2	10792.5	11690.8	12829.7
-12.5°	882.4	1255.1	1860.0	3078.4	4967.7	6689.2	8162.4	9300.6	10195.4	10884.7	11644.3
-15°	772.0	1088.2	1560.3	2515.4	4002.8	5731.7	7311.0	8530.0	9459.1	10194.5	10761.2
-17.5°	678.5	939.7	1303.9	1863.7	2953.5	4571.1	6111.8	7478.3	8552.0	9342.3	9972.6
-20°	578.3	778.3	1065.3	1471.0	2181.0	3230.8	4725.3	6107.8	7341.8	8241.3	8952.3



REPORT NUMBER: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	501.0	660.4	874.0	1139.5	1556.4	2273.2	3204.1	4551.2	5759.4	6804.3	7609.0
-25°	431.1	540.3	709.5	922.8	1180.4	1550.6	2150.2	2915.2	3998.6	5034.6	5862.8
-27.5°	370.5	459.9	566.9	725.7	921.4	1127.0	1433.7	1801.2	2471.2	3055.1	3828.8
-30°	314.3	383.8	469.0	566.9	704.9	858.3	1031.2	1249.9	1509.8	1819.2	2234.4
-32.5°	273.5	320.1	383.4	458.4	534.6	646.2	751.4	893.9	1022.0	1181.9	1353.9
-35°	238.6	273.0	313.4	368.9	426.2	490.9	559.0	646.7	724.0	814.6	899.8
-37.5°	219.4	236.4	264.9	298.1	342.0	384.2	430.8	476.0	514.5	572.8	618.5
-40°	206.5	215.7	230.9	249.3	278.3	304.0	337.8	366.7	393.9	422.6	444.3
-42.5°	197.6	203.8	210.5	222.0	234.4	250.3	270.7	287.9	308.1	327.0	340.6
-45°	192.1	195.7	199.5	205.4	210.5	219.5	228.0	235.0	248.2	260.2	269.7
-47.5°	193.2	191.7	193.6	196.1	198.3	202.3	206.0	209.6	215.0	219.4	222.9
-50°	197.0	194.7	193.5	192.0	192.3	193.2	194.0	195.9	198.3	199.9	201.3
-52.5°	201.9	200.0	197.6	195.1	193.2	191.2	189.1	189.5	190.1	190.6	190.8
-55°	198.6	200.5	202.8	201.0	198.3	195.7	193.4	191.8	190.3	188.9	187.8
-57.5°	186.0	193.0	198.0	199.2	200.2	201.1	200.5	198.9	197.2	195.5	194.2
-60°	168.0	176.1	182.0	187.0	191.7	195.8	197.4	199.0	200.2	201.4	202.7
-62.5°	147.3	154.6	161.2	167.2	172.6	176.9	181.5	185.8	189.5	193.0	196.5
-65°	127.0	133.5	139.4	144.7	149.5	154.1	159.0	163.5	167.6	170.9	173.5
-67.5°	109.2	114.2	118.6	123.0	127.3	131.4	135.3	138.9	142.3	144.8	146.5
-70°	91.7	96.0	99.6	102.9	106.2	109.5	112.7	115.5	117.9	119.9	121.5
-72.5°	74.8	78.1	81.2	84.1	86.7	89.4	92.0	94.3	96.4	98.0	99.3
-75°	59.0	61.5	64.0	66.3	68.4	70.6	72.7	74.6	76.3	77.5	78.3
-77.5°	44.3	46.3	48.1	49.8	51.3	52.8	54.2	55.4	56.5	57.4	58.0
-80°	31.6	33.0	34.3	35.4	36.4	37.3	38.0	38.5	39.0	39.9	40.8
-82.5°	20.3	21.3	22.3	23.2	24.0	24.7	25.3	25.8	26.2	26.6	26.9
-85°	11.1	11.6	12.1	12.7	13.2	13.6	13.9	14.2	14.5	14.7	14.9
-87.5°	4.7	4.6	4.5	4.4	4.3	4.3	4.4	4.5	4.5	4.8	5.1
-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: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MR-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°	5.4	5.7	5.7	5.7	5.7	5.7	5.4	5.1	4.8	4.5	4.5
85°	15.0	15.1	15.6	16.1	15.6	15.1	15.0	14.9	14.7	14.5	14.2
82.5°	27.2	27.4	27.5	27.5	27.5	27.4	27.2	26.9	26.6	26.2	25.8
80°	41.7	42.5	42.2	41.8	42.2	42.5	41.7	40.8	39.9	39.0	38.5
77.5°	58.4	58.6	58.3	57.9	58.3	58.6	58.4	58.0	57.4	56.5	55.4
75°	79.0	79.3	79.7	79.8	79.7	79.3	79.0	78.3	77.5	76.3	74.6
72.5°	100.3	101.0	101.0	100.7	101.0	101.0	100.3	99.3	98.0	96.4	94.3
70°	122.8	123.7	124.2	124.4	124.2	123.7	122.8	121.5	119.9	117.9	115.5
67.5°	147.6	148.3	148.9	149.1	148.9	148.3	147.6	146.5	144.8	142.3	138.9
65°	175.7	177.4	177.9	177.6	177.9	177.4	175.7	173.5	170.9	167.6	163.5
62.5°	199.8	202.7	203.9	204.2	203.9	202.7	199.8	196.5	193.0	189.5	185.8
60°	203.9	204.9	205.2	205.2	205.2	204.9	203.9	202.7	201.4	200.2	199.0
57.5°	192.9	191.8	191.1	190.9	191.1	191.8	192.9	194.2	195.5	197.2	198.9
55°	186.7	185.8	185.3	185.2	185.3	185.8	186.7	187.8	188.9	190.3	191.8
52.5°	190.9	190.8	191.2	191.9	191.2	190.8	190.9	190.8	190.6	190.1	189.5
50°	202.6	203.4	204.3	205.2	204.3	203.4	202.6	201.3	199.9	198.3	195.9
47.5°	225.4	226.7	227.5	228.0	227.5	226.7	225.4	222.9	219.4	215.0	209.6
45°	275.8	279.1	280.7	281.2	280.7	279.1	275.8	269.7	260.2	248.2	235.0
42.5°	349.6	354.6	356.8	357.2	356.8	354.6	349.6	340.6	327.0	308.1	287.9
40°	459.8	468.6	472.9	475.9	472.9	468.6	459.8	444.3	422.6	393.9	366.7
37.5°	652.6	674.8	687.3	698.2	687.3	674.8	652.6	618.5	572.8	514.5	476.0
35°	969.2	1019.9	1049.8	1056.3	1049.8	1019.9	969.2	899.8	814.6	724.0	646.7
32.5°	1486.2	1585.8	1645.4	1652.9	1645.4	1585.8	1486.2	1353.9	1181.9	1022.0	893.9
30°	2556.8	2835.9	3027.2	3000.9	3027.2	2835.9	2556.8	2234.4	1819.2	1509.8	1249.9
27.5°	4462.6	4968.8	5297.7	5270.3	5297.7	4968.8	4462.6	3828.8	3055.1	2471.2	1801.2
25°	6499.6	6965.5	7240.6	7342.1	7240.6	6965.5	6499.6	5862.8	5034.6	3998.6	2915.2
22.5°	8163.0	8579.5	8817.5	8959.8	8817.5	8579.5	8163.0	7609.0	6804.3	5759.4	4551.2
20°	9437.5	9798.7	10003.4	10091.2	10003.4	9798.7	9437.5	8952.3	8241.3	7341.8	6107.8
17.5°	10418.0	10720.4	10952.1	11011.7	10952.1	10720.4	10418.0	9972.6	9342.3	8552.0	7478.3
15°	11285.2	11675.9	11949.1	12050.9	11949.1	11675.9	11285.2	10761.2	10194.5	9459.1	8530.0
12.5°	12378.9	13058.1	13419.2	13502.5	13419.2	13058.1	12378.9	11644.3	10884.7	10195.4	9300.6
10°	13995.3	15039.4	15157.7	14995.8	15157.7	15039.4	13995.3	12829.7	11690.8	10792.5	9895.2
7.5°	16349.5	17741.7	17440.7	16939.4	17440.7	17741.7	16349.5	14155.1	12512.4	11312.6	10323.7
5°	18034.3	19967.1	20027.1	19659.0	20027.1	19967.1	18034.3	15591.9	13387.5	11782.5	10665.6
2.5°	18704.9	20694.6	21684.9	21847.2	21684.9	20694.6	18704.9	16180.6	13877.4	12060.2	10889.2
0°	18755.2	20929.1	22103.2	22394.9	22103.2	20929.1	18755.2	16288.6	13959.4	12139.3	10972.8
-2.5°	18704.9	20694.6	21684.9	21847.2	21684.9	20694.6	18704.9	16180.6	13877.4	12060.2	10889.2
-5°	18034.3	19967.1	20027.1	19659.0	20027.1	19967.1	18034.3	15591.9	13387.5	11782.5	10665.6
-7.5°	16349.5	17741.7	17440.7	16939.4	17440.7	17741.7	16349.5	14155.1	12512.4	11312.6	10323.7
-10°	13995.3	15039.4	15157.7	14995.8	15157.7	15039.4	13995.3	12829.7	11690.8	10792.5	9895.2
-12.5°	12378.9	13058.1	13419.2	13502.5	13419.2	13058.1	12378.9	11644.3	10884.7	10195.4	9300.6
-15°	11285.2	11675.9	11949.1	12050.9	11949.1	11675.9	11285.2	10761.2	10194.5	9459.1	8530.0
-17.5°	10418.0	10720.4	10952.1	11011.7	10952.1	10720.4	10418.0	9972.6	9342.3	8552.0	7478.3
-20°	9437.5	9798.7	10003.4	10091.2	10003.4	9798.7	9437.5	8952.3	8241.3	7341.8	6107.8



REPORT NUMBER: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8163.0	8579.5	8817.5	8959.8	8817.5	8579.5	8163.0	7609.0	6804.3	5759.4	4551.2
-25°	6499.6	6965.5	7240.6	7342.1	7240.6	6965.5	6499.6	5862.8	5034.6	3998.6	2915.2
-27.5°	4462.6	4968.8	5297.7	5270.3	5297.7	4968.8	4462.6	3828.8	3055.1	2471.2	1801.2
-30°	2556.8	2835.9	3027.2	3000.9	3027.2	2835.9	2556.8	2234.4	1819.2	1509.8	1249.9
-32.5°	1486.2	1585.8	1645.4	1652.9	1645.4	1585.8	1486.2	1353.9	1181.9	1022.0	893.9
-35°	969.2	1019.9	1049.8	1056.3	1049.8	1019.9	969.2	899.8	814.6	724.0	646.7
-37.5°	652.6	674.8	687.3	698.2	687.3	674.8	652.6	618.5	572.8	514.5	476.0
-40°	459.8	468.6	472.9	475.9	472.9	468.6	459.8	444.3	422.6	393.9	366.7
-42.5°	349.6	354.6	356.8	357.2	356.8	354.6	349.6	340.6	327.0	308.1	287.9
-45°	275.8	279.1	280.7	281.2	280.7	279.1	275.8	269.7	260.2	248.2	235.0
-47.5°	225.4	226.7	227.5	228.0	227.5	226.7	225.4	222.9	219.4	215.0	209.6
-50°	202.6	203.4	204.3	205.2	204.3	203.4	202.6	201.3	199.9	198.3	195.9
-52.5°	190.9	190.8	191.2	191.9	191.2	190.8	190.9	190.8	190.6	190.1	189.5
-55°	186.7	185.8	185.3	185.2	185.3	185.8	186.7	187.8	188.9	190.3	191.8
-57.5°	192.9	191.8	191.1	190.9	191.1	191.8	192.9	194.2	195.5	197.2	198.9
-60°	203.9	204.9	205.2	205.2	205.2	204.9	203.9	202.7	201.4	200.2	199.0
-62.5°	199.8	202.7	203.9	204.2	203.9	202.7	199.8	196.5	193.0	189.5	185.8
-65°	175.7	177.4	177.9	177.6	177.9	177.4	175.7	173.5	170.9	167.6	163.5
-67.5°	147.6	148.3	148.9	149.1	148.9	148.3	147.6	146.5	144.8	142.3	138.9
-70°	122.8	123.7	124.2	124.4	124.2	123.7	122.8	121.5	119.9	117.9	115.5
-72.5°	100.3	101.0	101.0	100.7	101.0	101.0	100.3	99.3	98.0	96.4	94.3
-75°	79.0	79.3	79.7	79.8	79.7	79.3	79.0	78.3	77.5	76.3	74.6
-77.5°	58.4	58.6	58.3	57.9	58.3	58.6	58.4	58.0	57.4	56.5	55.4
-80°	41.7	42.5	42.2	41.8	42.2	42.5	41.7	40.8	39.9	39.0	38.5
-82.5°	27.2	27.4	27.5	27.5	27.5	27.4	27.2	26.9	26.6	26.2	25.8
-85°	15.0	15.1	15.6	16.1	15.6	15.1	15.0	14.9	14.7	14.5	14.2
-87.5°	5.4	5.7	5.7	5.7	5.7	5.7	5.4	5.1	4.8	4.5	4.5
-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: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MR-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°	4.4	4.3	4.3	4.4	4.5	4.6	4.7	4.5	4.4	4.2	4.0
85°	13.9	13.6	13.2	12.7	12.1	11.6	11.1	10.7	10.2	9.7	9.2
82.5°	25.3	24.7	24.0	23.2	22.3	21.3	20.3	19.2	18.1	17.0	15.8
80°	38.0	37.3	36.4	35.4	34.3	33.0	31.6	30.1	28.4	26.7	25.1
77.5°	54.2	52.8	51.3	49.8	48.1	46.3	44.3	42.3	40.4	38.3	35.9
75°	72.7	70.6	68.4	66.3	64.0	61.5	59.0	56.4	53.7	50.8	47.5
72.5°	92.0	89.4	86.7	84.1	81.2	78.1	74.8	71.1	67.5	63.9	60.0
70°	112.7	109.5	106.2	102.9	99.6	96.0	91.7	86.8	81.7	77.0	72.5
67.5°	135.3	131.4	127.3	123.0	118.6	114.2	109.2	103.7	97.9	91.9	85.8
65°	159.0	154.1	149.5	144.7	139.4	133.5	127.0	120.7	114.4	107.5	100.4
62.5°	181.5	176.9	172.6	167.2	161.2	154.6	147.3	139.7	131.8	123.4	115.5
60°	197.4	195.8	191.7	187.0	182.0	176.1	168.0	159.4	150.3	140.9	131.2
57.5°	200.5	201.1	200.2	199.2	198.0	193.0	186.0	178.6	169.3	158.6	147.5
55°	193.4	195.7	198.3	201.0	202.8	200.5	198.6	194.0	185.5	176.5	164.5
52.5°	189.1	191.2	193.2	195.1	197.6	200.0	201.9	199.8	197.9	190.2	180.2
50°	194.0	193.2	192.3	192.0	193.5	194.7	197.0	199.6	200.8	198.6	192.9
47.5°	206.0	202.3	198.3	196.1	193.6	191.7	193.2	195.2	198.8	201.7	199.0
45°	228.0	219.5	210.5	205.4	199.5	195.7	192.1	192.7	195.2	198.7	202.3
42.5°	270.7	250.3	234.4	222.0	210.5	203.8	197.6	193.9	193.0	195.7	198.8
40°	337.8	304.0	278.3	249.3	230.9	215.7	206.5	198.8	194.9	193.7	195.5
37.5°	430.8	384.2	342.0	298.1	264.9	236.4	219.4	207.7	199.2	194.7	193.3
35°	559.0	490.9	426.2	368.9	313.4	273.0	238.6	219.8	207.1	198.0	192.9
32.5°	751.4	646.2	534.6	458.4	383.4	320.1	273.5	237.3	215.9	203.9	195.8
30°	1031.2	858.3	704.9	566.9	469.0	383.8	314.3	264.8	230.2	210.2	199.3
27.5°	1433.7	1127.0	921.4	725.7	566.9	459.9	370.5	296.6	247.2	220.5	204.7
25°	2150.2	1550.6	1180.4	922.8	709.5	540.3	431.1	342.2	274.5	231.3	209.5
22.5°	3204.1	2273.2	1556.4	1139.5	874.0	660.4	501.0	389.7	300.3	247.3	218.1
20°	4725.3	3230.8	2181.0	1471.0	1065.3	778.3	578.3	443.3	340.6	268.9	226.6
17.5°	6111.8	4571.1	2953.5	1863.7	1303.9	939.7	678.5	494.7	375.2	288.0	234.1
15°	7311.0	5731.7	4002.8	2515.4	1560.3	1088.2	772.0	540.9	407.8	311.0	248.3
12.5°	8162.4	6689.2	4967.7	3078.4	1860.0	1255.1	882.4	615.0	443.2	333.6	261.3
10°	8872.3	7441.7	5760.0	3828.7	2289.4	1434.6	980.6	677.2	473.2	351.0	271.5
7.5°	9301.6	7998.4	6368.4	4461.7	2641.5	1585.3	1061.8	723.7	497.3	363.4	279.1
5°	9629.5	8395.7	6810.6	4939.7	2931.3	1698.9	1126.2	754.8	514.9	371.0	283.9
2.5°	9872.6	8623.5	7089.7	5228.4	3112.4	1773.3	1169.3	776.9	523.6	377.7	288.0
0°	9908.8	8697.7	7106.5	5280.7	3066.4	1807.7	1186.5	790.4	523.4	380.9	289.7
-2.5°	9872.6	8623.5	7089.7	5228.4	3112.4	1773.3	1169.3	776.9	523.6	377.7	288.0
-5°	9629.5	8395.7	6810.6	4939.7	2931.3	1698.9	1126.2	754.8	514.9	371.0	283.9
-7.5°	9301.6	7998.4	6368.4	4461.7	2641.5	1585.3	1061.8	723.7	497.3	363.4	279.1
-10°	8872.3	7441.7	5760.0	3828.7	2289.4	1434.6	980.6	677.2	473.2	351.0	271.5
-12.5°	8162.4	6689.2	4967.7	3078.4	1860.0	1255.1	882.4	615.0	443.2	333.6	261.3
-15°	7311.0	5731.7	4002.8	2515.4	1560.3	1088.2	772.0	540.9	407.8	311.0	248.3
-17.5°	6111.8	4571.1	2953.5	1863.7	1303.9	939.7	678.5	494.7	375.2	288.0	234.1
-20°	4725.3	3230.8	2181.0	1471.0	1065.3	778.3	578.3	443.3	340.6	268.9	226.6



REPORT NUMBER: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3204.1	2273.2	1556.4	1139.5	874.0	660.4	501.0	389.7	300.3	247.3	218.1
-25°	2150.2	1550.6	1180.4	922.8	709.5	540.3	431.1	342.2	274.5	231.3	209.5
-27.5°	1433.7	1127.0	921.4	725.7	566.9	459.9	370.5	296.6	247.2	220.5	204.7
-30°	1031.2	858.3	704.9	566.9	469.0	383.8	314.3	264.8	230.2	210.2	199.3
-32.5°	751.4	646.2	534.6	458.4	383.4	320.1	273.5	237.3	215.9	203.9	195.8
-35°	559.0	490.9	426.2	368.9	313.4	273.0	238.6	219.8	207.1	198.0	192.9
-37.5°	430.8	384.2	342.0	298.1	264.9	236.4	219.4	207.7	199.2	194.7	193.3
-40°	337.8	304.0	278.3	249.3	230.9	215.7	206.5	198.8	194.9	193.7	195.5
-42.5°	270.7	250.3	234.4	222.0	210.5	203.8	197.6	193.9	193.0	195.7	198.8
-45°	228.0	219.5	210.5	205.4	199.5	195.7	192.1	192.7	195.2	198.7	202.3
-47.5°	206.0	202.3	198.3	196.1	193.6	191.7	193.2	195.2	198.8	201.7	199.0
-50°	194.0	193.2	192.3	192.0	193.5	194.7	197.0	199.6	200.8	198.6	192.9
-52.5°	189.1	191.2	193.2	195.1	197.6	200.0	201.9	199.8	197.9	190.2	180.2
-55°	193.4	195.7	198.3	201.0	202.8	200.5	198.6	194.0	185.5	176.5	164.5
-57.5°	200.5	201.1	200.2	199.2	198.0	193.0	186.0	178.6	169.3	158.6	147.5
-60°	197.4	195.8	191.7	187.0	182.0	176.1	168.0	159.4	150.3	140.9	131.2
-62.5°	181.5	176.9	172.6	167.2	161.2	154.6	147.3	139.7	131.8	123.4	115.5
-65°	159.0	154.1	149.5	144.7	139.4	133.5	127.0	120.7	114.4	107.5	100.4
-67.5°	135.3	131.4	127.3	123.0	118.6	114.2	109.2	103.7	97.9	91.9	85.8
-70°	112.7	109.5	106.2	102.9	99.6	96.0	91.7	86.8	81.7	77.0	72.5
-72.5°	92.0	89.4	86.7	84.1	81.2	78.1	74.8	71.1	67.5	63.9	60.0
-75°	72.7	70.6	68.4	66.3	64.0	61.5	59.0	56.4	53.7	50.8	47.5
-77.5°	54.2	52.8	51.3	49.8	48.1	46.3	44.3	42.3	40.4	38.3	35.9
-80°	38.0	37.3	36.4	35.4	34.3	33.0	31.6	30.1	28.4	26.7	25.1
-82.5°	25.3	24.7	24.0	23.2	22.3	21.3	20.3	19.2	18.1	17.0	15.8
-85°	13.9	13.6	13.2	12.7	12.1	11.6	11.1	10.7	10.2	9.7	9.2
-87.5°	4.4	4.3	4.3	4.4	4.5	4.6	4.7	4.5	4.4	4.2	4.0
-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: P558692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MR-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°	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2	1.9	1.7
85°	8.8	8.3	7.7	7.1	6.4	5.7	5.3	4.8	4.4	3.9	3.4
82.5°	14.8	14.0	13.3	12.5	11.5	10.4	9.3	8.2	7.1	5.9	5.1
80°	23.5	21.9	20.3	18.7	16.9	15.1	13.7	12.2	10.8	9.3	7.7
77.5°	33.3	30.6	27.9	25.6	23.3	20.9	18.6	16.4	14.5	12.7	10.7
75°	43.9	40.5	37.1	33.7	30.1	26.7	23.8	21.1	18.5	16.0	13.7
72.5°	55.7	51.3	46.8	42.0	37.8	33.6	29.5	25.7	22.6	19.7	16.7
70°	67.7	62.6	57.4	51.9	46.2	40.6	35.8	31.2	26.7	23.2	19.8
67.5°	79.7	74.1	68.2	61.8	55.3	48.8	42.2	36.9	31.8	26.7	22.8
65°	93.4	86.2	79.1	72.1	64.7	57.2	49.9	42.9	36.9	31.2	25.8
62.5°	107.2	98.9	90.8	82.4	74.3	66.0	57.5	49.9	42.1	35.6	29.3
60°	121.5	112.2	102.4	93.1	83.9	74.8	65.6	56.7	48.3	39.9	33.1
57.5°	136.6	125.5	114.8	104.0	93.6	83.6	73.6	63.7	54.3	45.1	36.8
55°	151.8	139.5	127.2	115.3	103.4	92.2	81.4	70.6	60.2	50.3	40.5
52.5°	168.0	153.6	139.9	126.6	113.7	100.8	89.2	77.2	66.1	55.4	44.8
50°	181.9	168.2	152.6	137.9	123.7	110.2	96.9	84.2	71.8	60.3	49.1
47.5°	193.4	180.4	165.5	149.1	133.8	119.3	105.0	91.1	77.2	65.1	53.2
45°	198.3	191.0	176.9	160.5	143.7	128.3	113.0	97.8	83.2	69.6	57.1
42.5°	201.1	196.5	186.5	171.3	154.0	137.1	120.7	104.8	89.1	74.0	60.9
40°	198.4	199.2	194.1	180.3	164.0	145.5	128.4	111.5	94.8	78.5	64.6
37.5°	195.2	198.6	196.5	189.1	173.3	154.4	135.7	117.9	100.3	83.3	68.1
35°	193.2	195.7	199.1	194.1	180.9	163.0	142.7	124.0	105.6	87.9	71.4
32.5°	191.4	193.3	197.2	196.4	188.1	171.1	149.8	129.9	110.7	92.1	74.6
30°	193.0	191.9	195.0	198.4	193.4	177.3	156.6	135.3	115.4	96.0	77.7
27.5°	195.2	190.5	193.0	197.5	195.0	183.0	162.9	140.5	119.8	99.7	80.9
25°	197.8	191.4	191.7	195.6	196.5	188.1	168.7	145.2	123.9	103.3	83.8
22.5°	201.9	193.0	190.4	193.9	198.0	192.8	173.4	149.9	127.7	106.5	86.4
20°	205.6	194.2	189.1	192.3	197.7	194.0	177.2	154.1	131.1	109.4	88.8
17.5°	209.3	196.2	189.9	191.3	196.4	195.0	180.7	157.8	134.2	111.9	90.9
15°	215.5	198.9	190.8	190.4	195.1	195.9	183.8	161.0	136.8	114.2	92.7
12.5°	220.8	201.1	191.5	189.6	193.9	196.7	186.4	163.7	139.1	116.0	94.2
10°	225.0	202.9	192.0	189.0	192.8	197.4	188.7	166.0	141.1	117.5	95.5
7.5°	228.3	204.2	192.2	188.5	191.8	197.9	190.7	168.5	142.8	118.6	96.5
5°	230.7	205.6	192.9	188.3	191.3	198.2	192.3	170.5	144.0	119.3	97.2
2.5°	232.7	207.5	193.9	188.1	191.0	198.4	193.3	171.9	144.9	119.7	97.7
0°	233.7	209.0	194.7	188.1	190.9	198.5	193.8	172.9	145.3	119.7	97.8
-2.5°	232.7	207.5	193.9	188.1	191.0	198.4	193.3	171.9	144.9	119.7	97.7
-5°	230.7	205.6	192.9	188.3	191.3	198.2	192.3	170.5	144.0	119.3	97.2
-7.5°	228.3	204.2	192.2	188.5	191.8	197.9	190.7	168.5	142.8	118.6	96.5
-10°	225.0	202.9	192.0	189.0	192.8	197.4	188.7	166.0	141.1	117.5	95.5
-12.5°	220.8	201.1	191.5	189.6	193.9	196.7	186.4	163.7	139.1	116.0	94.2
-15°	215.5	198.9	190.8	190.4	195.1	195.9	183.8	161.0	136.8	114.2	92.7
-17.5°	209.3	196.2	189.9	191.3	196.4	195.0	180.7	157.8	134.2	111.9	90.9
-20°	205.6	194.2	189.1	192.3	197.7	194.0	177.2	154.1	131.1	109.4	88.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	201.9	193.0	190.4	193.9	198.0	192.8	173.4	149.9	127.7	106.5	86.4
-25°	197.8	191.4	191.7	195.6	196.5	188.1	168.7	145.2	123.9	103.3	83.8
-27.5°	195.2	190.5	193.0	197.5	195.0	183.0	162.9	140.5	119.8	99.7	80.9
-30°	193.0	191.9	195.0	198.4	193.4	177.3	156.6	135.3	115.4	96.0	77.7
-32.5°	191.4	193.3	197.2	196.4	188.1	171.1	149.8	129.9	110.7	92.1	74.6
-35°	193.2	195.7	199.1	194.1	180.9	163.0	142.7	124.0	105.6	87.9	71.4
-37.5°	195.2	198.6	196.5	189.1	173.3	154.4	135.7	117.9	100.3	83.3	68.1
-40°	198.4	199.2	194.1	180.3	164.0	145.5	128.4	111.5	94.8	78.5	64.6
-42.5°	201.1	196.5	186.5	171.3	154.0	137.1	120.7	104.8	89.1	74.0	60.9
-45°	198.3	191.0	176.9	160.5	143.7	128.3	113.0	97.8	83.2	69.6	57.1
-47.5°	193.4	180.4	165.5	149.1	133.8	119.3	105.0	91.1	77.2	65.1	53.2
-50°	181.9	168.2	152.6	137.9	123.7	110.2	96.9	84.2	71.8	60.3	49.1
-52.5°	168.0	153.6	139.9	126.6	113.7	100.8	89.2	77.2	66.1	55.4	44.8
-55°	151.8	139.5	127.2	115.3	103.4	92.2	81.4	70.6	60.2	50.3	40.5
-57.5°	136.6	125.5	114.8	104.0	93.6	83.6	73.6	63.7	54.3	45.1	36.8
-60°	121.5	112.2	102.4	93.1	83.9	74.8	65.6	56.7	48.3	39.9	33.1
-62.5°	107.2	98.9	90.8	82.4	74.3	66.0	57.5	49.9	42.1	35.6	29.3
-65°	93.4	86.2	79.1	72.1	64.7	57.2	49.9	42.9	36.9	31.2	25.8
-67.5°	79.7	74.1	68.2	61.8	55.3	48.8	42.2	36.9	31.8	26.7	22.8
-70°	67.7	62.6	57.4	51.9	46.2	40.6	35.8	31.2	26.7	23.2	19.8
-72.5°	55.7	51.3	46.8	42.0	37.8	33.6	29.5	25.7	22.6	19.7	16.7
-75°	43.9	40.5	37.1	33.7	30.1	26.7	23.8	21.1	18.5	16.0	13.7
-77.5°	33.3	30.6	27.9	25.6	23.3	20.9	18.6	16.4	14.5	12.7	10.7
-80°	23.5	21.9	20.3	18.7	16.9	15.1	13.7	12.2	10.8	9.3	7.7
-82.5°	14.8	14.0	13.3	12.5	11.5	10.4	9.3	8.2	7.1	5.9	5.1
-85°	8.8	8.3	7.7	7.1	6.4	5.7	5.3	4.8	4.4	3.9	3.4
-87.5°	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2	1.9	1.7
-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°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
82.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
80°	6.0	4.9	3.9	3.0	2.0	1.0	0.0
77.5°	8.7	6.5	4.9	3.7	2.5	1.2	0.0
75°	11.3	8.6	6.0	4.4	2.9	1.5	0.0
72.5°	13.8	10.7	7.7	5.1	3.4	1.7	0.0
70°	16.4	12.8	9.3	5.9	3.9	1.9	0.0
67.5°	18.9	14.8	10.9	7.1	4.4	2.2	0.0
65°	21.5	16.9	12.4	8.3	4.8	2.4	0.0
62.5°	24.0	19.0	14.0	9.4	5.3	2.6	0.0
60°	26.5	21.2	15.5	10.5	5.7	2.8	0.0
57.5°	29.6	23.3	17.2	11.6	6.4	3.1	0.0
55°	32.7	25.4	18.8	12.6	7.1	3.3	0.0
52.5°	35.8	27.5	20.5	13.6	7.8	3.5	0.0
50°	38.7	29.9	22.1	14.6	8.5	3.7	0.0
47.5°	41.7	32.3	23.7	15.5	9.1	3.9	0.0
45°	45.0	34.6	25.2	16.7	9.7	4.0	0.0
42.5°	48.1	36.8	26.6	17.8	10.3	4.2	0.0
40°	51.1	38.9	28.2	18.8	10.9	4.4	0.0
37.5°	53.9	40.9	29.8	19.9	11.5	4.5	0.0
35°	56.5	43.0	31.3	20.8	12.0	4.7	0.0
32.5°	59.0	45.0	32.7	21.7	12.5	4.8	0.0
30°	61.6	46.9	34.1	22.5	13.0	4.9	0.0
27.5°	63.9	48.7	35.2	23.2	13.4	5.1	0.0
25°	66.1	50.3	36.3	23.9	13.8	5.2	0.0
22.5°	68.1	51.7	37.2	24.5	14.2	5.3	0.0
20°	69.9	52.9	38.0	25.0	14.6	5.4	0.0
17.5°	71.5	53.9	38.7	25.4	14.9	5.4	0.0
15°	72.9	54.8	39.4	25.8	15.2	5.5	0.0
12.5°	74.1	55.6	39.9	26.1	15.4	5.6	0.0
10°	75.1	56.2	40.3	26.3	15.6	5.6	0.0
7.5°	75.9	56.6	40.6	26.5	15.8	5.7	0.0
5°	76.4	56.9	40.8	26.6	15.9	5.7	0.0
2.5°	76.8	57.0	40.8	26.6	16.0	5.7	0.0
0°	76.9	57.0	40.8	26.6	16.1	5.7	0.0
-2.5°	76.8	57.0	40.8	26.6	16.0	5.7	0.0
-5°	76.4	56.9	40.8	26.6	15.9	5.7	0.0
-7.5°	75.9	56.6	40.6	26.5	15.8	5.7	0.0
-10°	75.1	56.2	40.3	26.3	15.6	5.6	0.0
-12.5°	74.1	55.6	39.9	26.1	15.4	5.6	0.0
-15°	72.9	54.8	39.4	25.8	15.2	5.5	0.0
-17.5°	71.5	53.9	38.7	25.4	14.9	5.4	0.0
-20°	69.9	52.9	38.0	25.0	14.6	5.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	68.1	51.7	37.2	24.5	14.2	5.3	0.0
-25°	66.1	50.3	36.3	23.9	13.8	5.2	0.0
-27.5°	63.9	48.7	35.2	23.2	13.4	5.1	0.0
-30°	61.6	46.9	34.1	22.5	13.0	4.9	0.0
-32.5°	59.0	45.0	32.7	21.7	12.5	4.8	0.0
-35°	56.5	43.0	31.3	20.8	12.0	4.7	0.0
-37.5°	53.9	40.9	29.8	19.9	11.5	4.5	0.0
-40°	51.1	38.9	28.2	18.8	10.9	4.4	0.0
-42.5°	48.1	36.8	26.6	17.8	10.3	4.2	0.0
-45°	45.0	34.6	25.2	16.7	9.7	4.0	0.0
-47.5°	41.7	32.3	23.7	15.5	9.1	3.9	0.0
-50°	38.7	29.9	22.1	14.6	8.5	3.7	0.0
-52.5°	35.8	27.5	20.5	13.6	7.8	3.5	0.0
-55°	32.7	25.4	18.8	12.6	7.1	3.3	0.0
-57.5°	29.6	23.3	17.2	11.6	6.4	3.1	0.0
-60°	26.5	21.2	15.5	10.5	5.7	2.8	0.0
-62.5°	24.0	19.0	14.0	9.4	5.3	2.6	0.0
-65°	21.5	16.9	12.4	8.3	4.8	2.4	0.0
-67.5°	18.9	14.8	10.9	7.1	4.4	2.2	0.0
-70°	16.4	12.8	9.3	5.9	3.9	1.9	0.0
-72.5°	13.8	10.7	7.7	5.1	3.4	1.7	0.0
-75°	11.3	8.6	6.0	4.4	2.9	1.5	0.0
-77.5°	8.7	6.5	4.9	3.7	2.5	1.2	0.0
-80°	6.0	4.9	3.9	3.0	2.0	1.0	0.0
-82.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
-85°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)