

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: P558696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558696 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
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-TS-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT N2
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

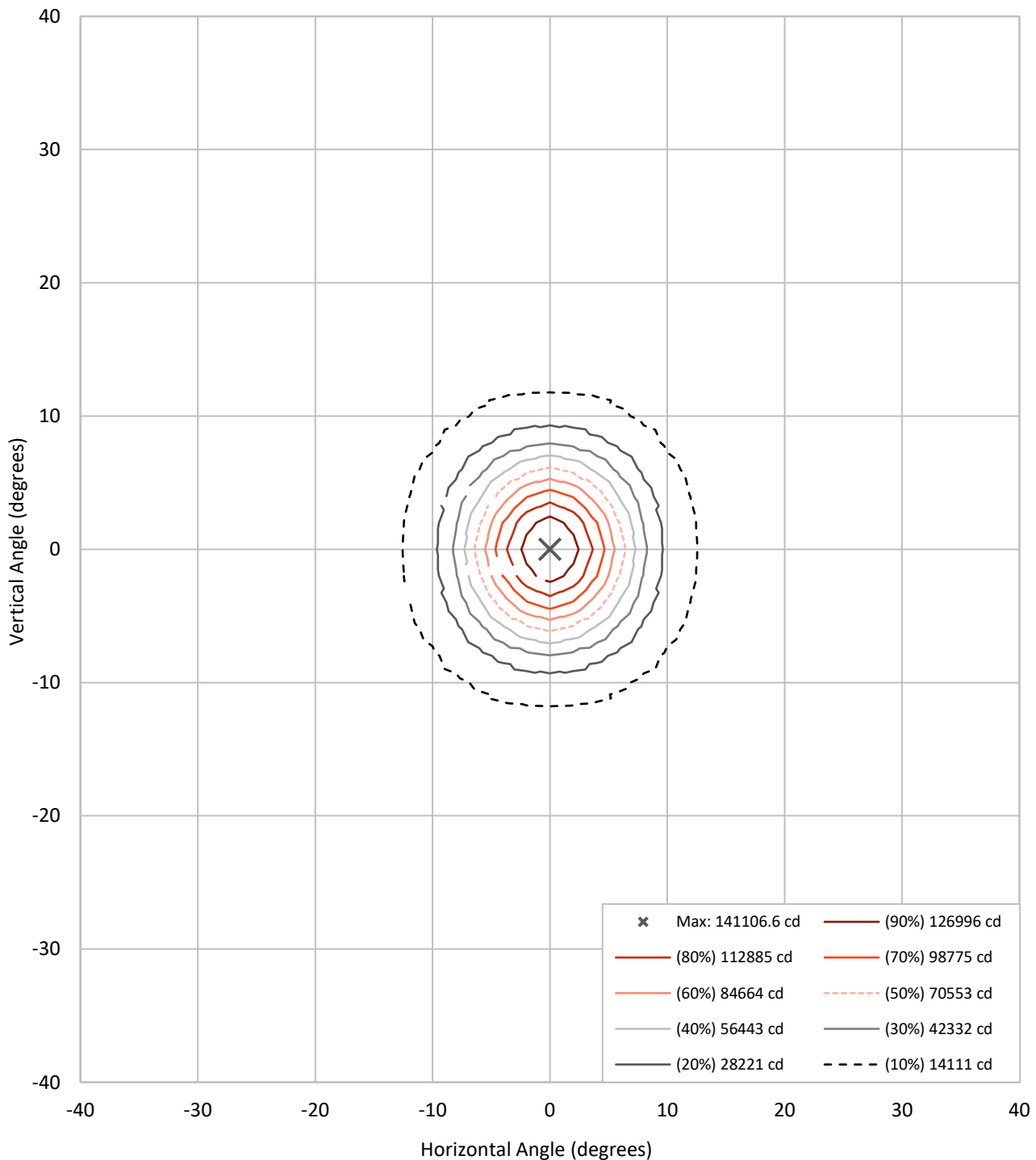
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	10228.3 lumens	Max Intensity:	141106.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3232 lumens	Field Lumens:	7160 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





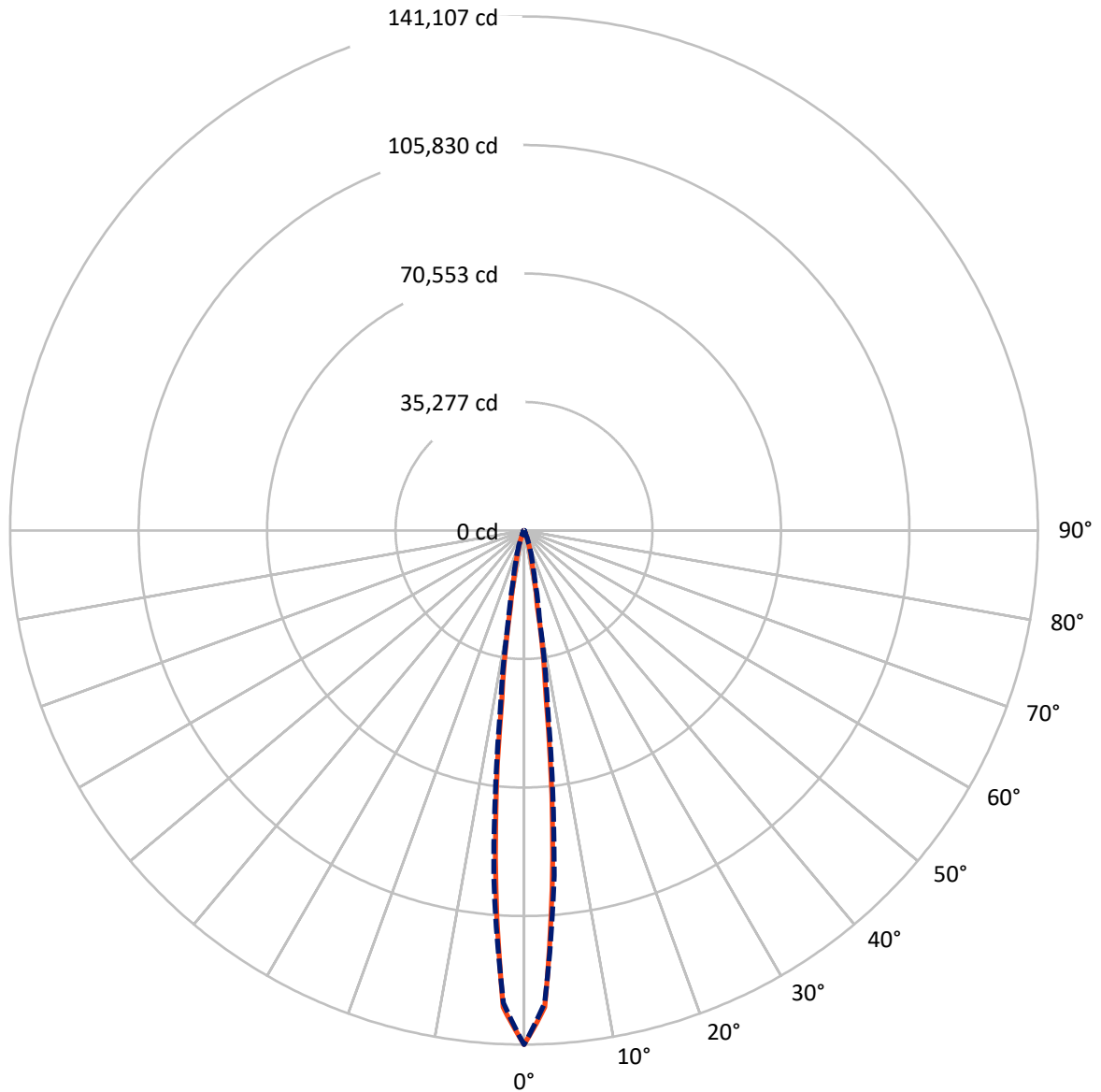
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Lumen Table

90	0.1	1.2		3.3		5.3		6.1		5.3		3.3		1.2		0.1			
80	0.1	1.2		3.3		5.3		6.1		5.3		3.3		1.2		0.1			
70	0.5	0.6	1.3	2.2	3.0	3.7	4.2	4.5	4.5	4.2	3.7	3.0	2.2	1.3	0.6	0.5			
60		1.0	2.0	3.0	3.9	4.6	5.0	5.2	5.2	5.0	4.6	3.9	3.0	2.0	1.0				
50	1.0	1.3	2.4	3.5	4.3	5.1	5.7	6.0	6.0	5.7	5.1	4.3	3.5	2.4	1.3	1.0			
40		1.5	2.7	3.8	4.8	6.2	7.8	8.8	8.8	7.8	6.2	4.8	3.8	2.7	1.5				
30	1.3	1.7	2.9	4.0	5.7	8.8	19.6	35.7	35.7	19.6	8.8	5.7	4.0	2.9	1.7	1.3			
20		1.8	3.0	4.2	6.7	19.0	107.3	236.0	236.0	107.3	19.0	6.7	4.2	3.0	1.8				
10	1.4	1.8	3.0	4.4	7.5	36.4	257.5	1665.6	1665.6	257.5	36.4	7.5	4.4	3.0	1.8	1.4			
0		1.8	3.0	4.4	7.5	36.4	257.5	1665.6	1665.6	257.5	36.4	7.5	4.4	3.0	1.8				
-10	1.3	1.8	3.0	4.2	6.7	19.0	107.3	236.0	236.0	107.3	19.0	6.7	4.2	3.0	1.8	1.3			
-20		1.7	2.9	4.0	5.7	8.8	19.6	35.7	35.7	19.6	8.8	5.7	4.0	2.9	1.7				
-30	1.0	1.5	2.7	3.8	4.8	6.2	7.8	8.8	8.8	7.8	6.2	4.8	3.8	2.7	1.5	1.0			
-40		1.3	2.4	3.5	4.3	5.1	5.7	6.0	6.0	5.7	5.1	4.3	3.5	2.4	1.3				
-50	0.5	1.0	2.0	3.0	3.9	4.6	5.0	5.2	5.2	5.0	4.6	3.9	3.0	2.0	1.0	0.5			
-60		0.6	1.3	2.2	3.0	3.7	4.2	4.5	4.5	4.2	3.7	3.0	2.2	1.3	0.6				
-70	0.1	1.2		3.3		5.3		6.1		5.3		3.3		1.2		0.1			
-80		1.2		3.3		5.3		6.1		5.3		3.3		1.2					
-90	0.1	1.2		3.3		5.3		6.1		5.3		3.3		1.2		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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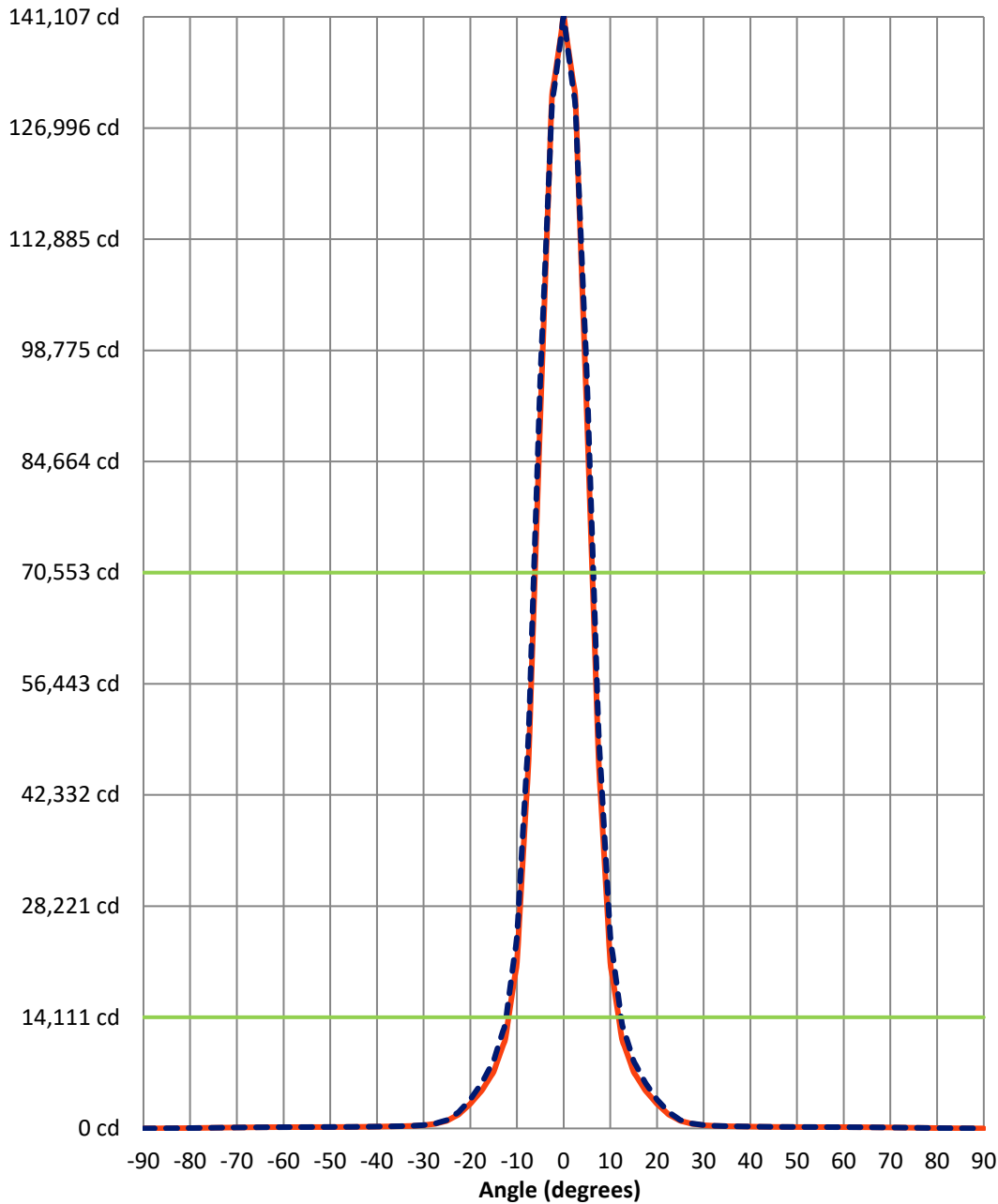
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 3232
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 7160
Efficiency: 70.0%

Spill:
Lumens: 3068.3
Efficiency: 30.0%

— 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	0.3	0.7	1.0	1.2	1.5	1.7	2.0	2.3	2.5	2.8
85°	0.0	0.7	1.3	1.9	2.5	3.0	3.4	4.0	4.5	5.0	5.6
82.5°	0.0	1.0	2.0	2.9	3.7	4.4	5.1	5.9	6.8	8.1	9.4
80°	0.0	1.3	2.6	3.8	4.9	5.9	6.9	8.5	10.2	12.0	13.8
77.5°	0.0	1.6	3.3	4.8	6.1	7.6	9.3	11.4	13.6	15.8	18.2
75°	0.0	2.0	3.9	5.7	7.4	9.6	11.7	14.2	16.9	20.0	22.9
72.5°	0.0	2.3	4.6	6.6	9.0	11.6	14.1	17.2	20.8	24.3	27.6
70°	0.0	2.6	5.2	7.6	10.6	13.6	16.6	20.7	24.7	28.6	34.0
67.5°	0.0	2.9	5.8	8.8	12.2	15.5	19.6	24.1	28.6	34.5	40.6
65°	0.0	3.2	6.4	9.9	13.7	17.7	22.5	27.5	33.6	40.3	47.3
62.5°	0.0	3.5	7.0	11.1	15.2	20.0	25.4	31.4	38.5	46.0	54.1
60°	0.0	3.8	7.6	12.2	16.7	22.3	28.2	35.5	43.2	52.0	60.9
57.5°	0.0	4.1	8.3	13.2	18.4	24.6	31.5	39.4	48.3	57.9	67.7
55°	0.0	4.4	9.0	14.3	20.1	26.7	34.8	43.3	53.5	63.8	74.4
52.5°	0.0	4.6	9.7	15.3	21.8	28.9	38.0	47.6	58.4	69.7	81.0
50°	0.0	4.9	10.3	16.3	23.4	31.5	41.1	51.9	63.3	75.4	87.5
47.5°	0.0	5.1	10.9	17.3	24.9	34.0	44.2	56.0	68.2	80.9	93.9
45°	0.0	5.4	11.5	18.4	26.4	36.4	47.5	59.9	73.0	86.5	100.1
42.5°	0.0	5.6	12.1	19.5	27.8	38.7	50.7	63.8	77.6	91.9	105.4
40°	0.0	5.8	12.6	20.5	29.4	40.9	53.8	67.6	82.0	97.1	110.4
37.5°	0.0	6.0	13.2	21.4	31.0	43.0	56.6	71.2	86.4	101.7	115.1
35°	0.0	6.2	13.7	22.2	32.6	45.2	59.3	74.6	90.4	105.6	119.3
32.5°	0.0	6.4	14.1	23.0	34.1	47.3	61.9	77.9	94.2	109.3	123.0
30°	0.0	6.6	14.5	23.7	35.5	49.2	64.5	80.9	97.7	112.8	126.4
27.5°	0.0	6.7	14.9	24.4	36.7	51.0	66.9	83.7	100.8	115.9	129.5
25°	0.0	6.9	15.3	25.0	37.9	52.7	69.0	86.3	103.3	118.6	132.4
22.5°	0.0	7.0	15.7	25.6	39.0	54.2	71.0	88.6	105.7	120.9	134.5
20°	0.0	7.1	16.0	26.0	39.9	55.6	72.8	90.7	107.7	123.0	136.5
17.5°	0.0	7.2	16.2	26.4	40.8	56.8	74.4	92.5	109.6	124.8	138.3
15°	0.0	7.3	16.5	26.8	41.5	57.8	75.8	94.1	111.1	126.4	139.8
12.5°	0.0	7.4	16.6	27.1	42.2	58.7	77.0	95.4	112.4	127.7	141.1
10°	0.0	7.5	16.8	27.3	42.7	59.5	78.0	96.4	113.5	128.7	142.2
7.5°	0.0	7.5	16.9	27.4	43.1	60.1	78.8	97.1	114.2	129.5	142.9
5°	0.0	7.6	17.0	27.5	43.5	60.5	79.4	97.6	114.7	130.0	143.3
2.5°	0.0	7.6	17.1	27.5	43.6	60.7	79.7	97.8	114.9	130.2	143.5
0°	0.0	7.6	17.1	27.5	43.6	60.7	79.7	97.8	114.9	130.2	143.5
-2.5°	0.0	7.6	17.1	27.5	43.6	60.7	79.7	97.8	114.9	130.2	143.5
-5°	0.0	7.6	17.0	27.5	43.5	60.5	79.4	97.6	114.7	130.0	143.3
-7.5°	0.0	7.5	16.9	27.4	43.1	60.1	78.8	97.1	114.2	129.5	142.9
-10°	0.0	7.5	16.8	27.3	42.7	59.5	78.0	96.4	113.5	128.7	142.2
-12.5°	0.0	7.4	16.6	27.1	42.2	58.7	77.0	95.4	112.4	127.7	141.1
-15°	0.0	7.3	16.5	26.8	41.5	57.8	75.8	94.1	111.1	126.4	139.8
-17.5°	0.0	7.2	16.2	26.4	40.8	56.8	74.4	92.5	109.6	124.8	138.3
-20°	0.0	7.1	16.0	26.0	39.9	55.6	72.8	90.7	107.7	123.0	136.5



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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	7.0	15.7	25.6	39.0	54.2	71.0	88.6	105.7	120.9	134.5
-25°	0.0	6.9	15.3	25.0	37.9	52.7	69.0	86.3	103.3	118.6	132.4
-27.5°	0.0	6.7	14.9	24.4	36.7	51.0	66.9	83.7	100.8	115.9	129.5
-30°	0.0	6.6	14.5	23.7	35.5	49.2	64.5	80.9	97.7	112.8	126.4
-32.5°	0.0	6.4	14.1	23.0	34.1	47.3	61.9	77.9	94.2	109.3	123.0
-35°	0.0	6.2	13.7	22.2	32.6	45.2	59.3	74.6	90.4	105.6	119.3
-37.5°	0.0	6.0	13.2	21.4	31.0	43.0	56.6	71.2	86.4	101.7	115.1
-40°	0.0	5.8	12.6	20.5	29.4	40.9	53.8	67.6	82.0	97.1	110.4
-42.5°	0.0	5.6	12.1	19.5	27.8	38.7	50.7	63.8	77.6	91.9	105.4
-45°	0.0	5.4	11.5	18.4	26.4	36.4	47.5	59.9	73.0	86.5	100.1
-47.5°	0.0	5.1	10.9	17.3	24.9	34.0	44.2	56.0	68.2	80.9	93.9
-50°	0.0	4.9	10.3	16.3	23.4	31.5	41.1	51.9	63.3	75.4	87.5
-52.5°	0.0	4.6	9.7	15.3	21.8	28.9	38.0	47.6	58.4	69.7	81.0
-55°	0.0	4.4	9.0	14.3	20.1	26.7	34.8	43.3	53.5	63.8	74.4
-57.5°	0.0	4.1	8.3	13.2	18.4	24.6	31.5	39.4	48.3	57.9	67.7
-60°	0.0	3.8	7.6	12.2	16.7	22.3	28.2	35.5	43.2	52.0	60.9
-62.5°	0.0	3.5	7.0	11.1	15.2	20.0	25.4	31.4	38.5	46.0	54.1
-65°	0.0	3.2	6.4	9.9	13.7	17.7	22.5	27.5	33.6	40.3	47.3
-67.5°	0.0	2.9	5.8	8.8	12.2	15.5	19.6	24.1	28.6	34.5	40.6
-70°	0.0	2.6	5.2	7.6	10.6	13.6	16.6	20.7	24.7	28.6	34.0
-72.5°	0.0	2.3	4.6	6.6	9.0	11.6	14.1	17.2	20.8	24.3	27.6
-75°	0.0	2.0	3.9	5.7	7.4	9.6	11.7	14.2	16.9	20.0	22.9
-77.5°	0.0	1.6	3.3	4.8	6.1	7.6	9.3	11.4	13.6	15.8	18.2
-80°	0.0	1.3	2.6	3.8	4.9	5.9	6.9	8.5	10.2	12.0	13.8
-82.5°	0.0	1.0	2.0	2.9	3.7	4.4	5.1	5.9	6.8	8.1	9.4
-85°	0.0	0.7	1.3	1.9	2.5	3.0	3.4	4.0	4.5	5.0	5.6
-87.5°	0.0	0.3	0.7	1.0	1.2	1.5	1.7	2.0	2.3	2.5	2.8
-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°	3.0	3.3	3.5	3.8	4.0	4.2	4.5	4.7	4.9	5.1	5.2
85°	6.1	6.6	7.3	7.9	8.4	8.9	9.4	9.7	10.3	10.9	11.5
82.5°	10.4	11.4	12.1	12.8	13.5	14.1	14.8	15.9	17.4	18.8	20.1
80°	15.1	16.1	17.6	19.3	21.1	22.8	24.4	26.0	27.7	29.5	31.5
77.5°	20.2	22.4	24.7	27.3	29.7	32.6	35.5	38.4	41.1	43.4	45.4
75°	25.6	28.5	32.5	36.4	40.2	43.9	47.7	51.3	54.5	57.5	60.5
72.5°	31.9	36.7	41.4	45.9	50.8	55.4	59.8	63.9	68.0	72.0	75.9
70°	39.4	44.9	50.5	56.2	61.8	67.0	72.1	77.3	82.3	86.9	91.0
67.5°	46.9	53.4	59.9	66.4	72.6	78.5	84.5	90.4	96.0	100.8	105.1
65°	54.7	61.9	69.2	76.2	82.9	89.8	96.6	103.1	108.4	112.9	117.1
62.5°	62.2	70.4	78.3	86.0	93.6	101.1	107.6	113.5	119.0	123.8	128.4
60°	69.9	78.8	87.4	95.9	103.9	110.8	117.4	123.3	128.8	134.1	138.0
57.5°	77.5	87.1	96.4	105.1	112.8	119.9	126.3	132.5	137.3	141.5	145.8
55°	85.0	95.3	104.9	113.4	121.2	128.1	134.5	139.7	144.5	148.4	152.6
52.5°	92.3	103.1	112.6	121.2	128.7	135.5	141.2	146.3	150.7	154.8	158.2
50°	99.5	110.0	119.9	128.1	135.5	141.8	147.2	152.1	156.4	160.2	163.2
47.5°	105.9	116.8	126.0	134.4	141.5	147.5	152.7	157.4	161.6	164.9	168.0
45°	111.8	122.6	132.0	140.0	146.9	152.5	157.5	162.4	166.0	169.2	171.6
42.5°	117.5	127.9	137.1	145.3	151.4	156.9	162.0	166.2	169.9	172.8	175.3
40°	122.4	133.1	141.9	149.3	155.6	160.8	165.5	169.8	173.4	176.2	178.9
37.5°	126.9	137.3	146.2	153.2	159.0	164.2	168.9	172.8	176.3	179.3	183.0
35°	131.3	141.3	149.5	156.3	162.0	167.1	171.6	175.6	179.1	183.2	187.5
32.5°	135.1	145.0	152.7	158.9	164.5	169.8	174.2	178.3	182.3	186.9	192.3
30°	138.2	147.8	155.4	161.3	166.9	171.8	176.6	181.0	185.4	190.9	197.9
27.5°	141.1	150.3	157.4	163.3	168.9	173.6	178.5	183.5	188.8	195.2	203.9
25°	143.8	152.7	159.2	165.1	170.4	175.2	180.4	185.5	192.0	200.5	211.9
22.5°	146.0	154.8	160.7	166.8	171.6	176.7	182.0	187.7	195.1	205.4	220.3
20°	147.7	156.1	162.1	168.0	172.6	178.0	183.4	189.6	198.4	211.9	229.2
17.5°	149.3	157.2	163.1	168.8	173.6	179.1	184.7	191.1	201.2	217.9	237.3
15°	150.7	158.1	164.0	169.4	174.5	180.0	185.8	193.2	204.9	223.8	244.7
12.5°	151.9	158.9	164.7	169.9	175.2	180.6	186.7	195.0	208.9	229.2	252.0
10°	152.9	159.4	165.2	170.2	175.7	180.9	187.5	196.2	211.7	232.3	256.4
7.5°	153.5	159.8	165.5	170.4	176.0	181.0	188.0	196.8	213.4	234.0	258.7
5°	153.9	160.2	165.9	170.7	176.3	181.2	188.5	196.9	214.1	234.3	259.6
2.5°	154.0	160.4	166.1	170.9	176.6	181.9	189.4	197.9	214.8	235.4	260.2
0°	153.9	160.5	166.2	171.0	176.7	182.4	190.0	198.5	214.7	236.5	260.3
-2.5°	154.0	160.4	166.1	170.9	176.6	181.9	189.4	197.9	214.8	235.4	260.2
-5°	153.9	160.2	165.9	170.7	176.3	181.2	188.5	196.9	214.1	234.3	259.6
-7.5°	153.5	159.8	165.5	170.4	176.0	181.0	188.0	196.8	213.4	234.0	258.7
-10°	152.9	159.4	165.2	170.2	175.7	180.9	187.5	196.2	211.7	232.3	256.4
-12.5°	151.9	158.9	164.7	169.9	175.2	180.6	186.7	195.0	208.9	229.2	252.0
-15°	150.7	158.1	164.0	169.4	174.5	180.0	185.8	193.2	204.9	223.8	244.7
-17.5°	149.3	157.2	163.1	168.8	173.6	179.1	184.7	191.1	201.2	217.9	237.3
-20°	147.7	156.1	162.1	168.0	172.6	178.0	183.4	189.6	198.4	211.9	229.2



REPORT NUMBER: P558696 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	146.0	154.8	160.7	166.8	171.6	176.7	182.0	187.7	195.1	205.4	220.3
-25°	143.8	152.7	159.2	165.1	170.4	175.2	180.4	185.5	192.0	200.5	211.9
-27.5°	141.1	150.3	157.4	163.3	168.9	173.6	178.5	183.5	188.8	195.2	203.9
-30°	138.2	147.8	155.4	161.3	166.9	171.8	176.6	181.0	185.4	190.9	197.9
-32.5°	135.1	145.0	152.7	158.9	164.5	169.8	174.2	178.3	182.3	186.9	192.3
-35°	131.3	141.3	149.5	156.3	162.0	167.1	171.6	175.6	179.1	183.2	187.5
-37.5°	126.9	137.3	146.2	153.2	159.0	164.2	168.9	172.8	176.3	179.3	183.0
-40°	122.4	133.1	141.9	149.3	155.6	160.8	165.5	169.8	173.4	176.2	178.9
-42.5°	117.5	127.9	137.1	145.3	151.4	156.9	162.0	166.2	169.9	172.8	175.3
-45°	111.8	122.6	132.0	140.0	146.9	152.5	157.5	162.4	166.0	169.2	171.6
-47.5°	105.9	116.8	126.0	134.4	141.5	147.5	152.7	157.4	161.6	164.9	168.0
-50°	99.5	110.0	119.9	128.1	135.5	141.8	147.2	152.1	156.4	160.2	163.2
-52.5°	92.3	103.1	112.6	121.2	128.7	135.5	141.2	146.3	150.7	154.8	158.2
-55°	85.0	95.3	104.9	113.4	121.2	128.1	134.5	139.7	144.5	148.4	152.6
-57.5°	77.5	87.1	96.4	105.1	112.8	119.9	126.3	132.5	137.3	141.5	145.8
-60°	69.9	78.8	87.4	95.9	103.9	110.8	117.4	123.3	128.8	134.1	138.0
-62.5°	62.2	70.4	78.3	86.0	93.6	101.1	107.6	113.5	119.0	123.8	128.4
-65°	54.7	61.9	69.2	76.2	82.9	89.8	96.6	103.1	108.4	112.9	117.1
-67.5°	46.9	53.4	59.9	66.4	72.6	78.5	84.5	90.4	96.0	100.8	105.1
-70°	39.4	44.9	50.5	56.2	61.8	67.0	72.1	77.3	82.3	86.9	91.0
-72.5°	31.9	36.7	41.4	45.9	50.8	55.4	59.8	63.9	68.0	72.0	75.9
-75°	25.6	28.5	32.5	36.4	40.2	43.9	47.7	51.3	54.5	57.5	60.5
-77.5°	20.2	22.4	24.7	27.3	29.7	32.6	35.5	38.4	41.1	43.4	45.4
-80°	15.1	16.1	17.6	19.3	21.1	22.8	24.4	26.0	27.7	29.5	31.5
-82.5°	10.4	11.4	12.1	12.8	13.5	14.1	14.8	15.9	17.4	18.8	20.1
-85°	6.1	6.6	7.3	7.9	8.4	8.9	9.4	9.7	10.3	10.9	11.5
-87.5°	3.0	3.3	3.5	3.8	4.0	4.2	4.5	4.7	4.9	5.1	5.2
-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: P558696 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-TS-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°	5.4	5.4	5.3	5.3	5.2	5.3	5.4	5.4	5.5	5.6	5.6
85°	12.1	12.6	13.1	13.6	14.1	14.5	14.8	15.1	15.4	15.6	15.8
82.5°	21.2	22.3	23.3	24.2	25.0	25.7	26.2	26.8	27.2	27.6	27.9
80°	33.2	34.8	36.4	37.8	39.1	40.2	41.1	41.8	42.4	43.1	43.6
77.5°	47.4	49.7	51.9	53.8	55.6	57.1	58.3	59.4	60.3	61.5	62.6
75°	63.5	66.2	68.7	71.1	73.2	75.1	76.7	78.2	79.5	80.7	81.8
72.5°	79.6	82.9	85.8	88.3	90.5	92.7	94.8	96.8	98.6	100.0	101.0
70°	94.7	98.1	101.2	104.1	106.7	109.4	112.1	114.6	117.0	118.5	119.3
67.5°	108.6	112.1	115.6	119.1	122.2	125.0	127.8	130.3	132.6	134.1	135.1
65°	121.2	125.1	128.9	132.4	135.7	138.1	140.6	143.0	145.2	147.0	148.3
62.5°	132.9	136.7	140.0	143.0	145.8	148.2	150.6	152.8	154.7	156.4	158.0
60°	141.9	145.8	148.9	151.7	154.3	156.7	158.6	160.3	161.6	162.6	163.6
57.5°	149.6	153.3	156.5	158.8	161.1	163.4	165.0	166.0	166.8	167.4	167.9
55°	156.3	159.2	161.8	164.4	166.7	168.7	170.1	170.8	171.3	171.5	171.7
52.5°	161.6	164.4	167.2	169.6	171.4	173.1	174.5	174.9	175.1	175.2	175.3
50°	166.4	169.2	171.4	173.4	175.3	176.8	178.1	178.7	179.0	179.1	178.9
47.5°	170.4	172.8	175.2	177.3	179.2	180.9	182.3	183.1	183.7	184.0	183.9
45°	173.8	176.7	179.2	181.7	183.8	186.1	188.1	189.4	190.7	191.6	192.1
42.5°	177.9	180.8	183.6	186.9	190.1	193.0	196.3	199.1	202.0	205.2	207.4
40°	182.1	185.1	189.4	193.5	198.1	202.2	209.0	215.8	221.0	225.4	229.4
37.5°	186.8	191.2	196.4	201.7	209.2	217.0	225.5	234.0	241.3	247.9	253.3
35°	192.2	198.3	204.6	214.0	223.5	233.1	243.4	254.6	264.0	271.0	275.9
32.5°	198.9	206.5	216.7	228.7	240.4	252.8	265.2	277.6	287.0	296.6	306.3
30°	206.3	217.2	230.4	245.0	259.6	274.4	290.0	307.3	323.7	341.3	366.6
27.5°	215.7	229.0	244.5	261.8	279.4	297.1	324.1	353.8	397.9	433.1	492.8
25°	225.8	241.4	259.8	279.8	301.3	333.0	382.6	441.2	545.0	625.5	747.7
22.5°	237.0	255.4	275.7	298.7	333.4	393.1	477.9	628.4	837.7	1044.5	1274.5
20°	248.1	268.4	290.7	325.4	384.4	478.9	662.5	987.8	1351.2	1868.5	2302.7
17.5°	258.6	280.2	308.5	355.4	443.7	633.7	989.4	1546.7	2305.5	3139.4	3834.8
15°	267.8	289.8	328.0	402.3	551.4	847.4	1384.5	2332.9	3607.9	4749.7	5768.0
12.5°	275.6	301.7	349.1	440.2	645.0	1083.1	1944.7	3291.4	4848.4	6449.7	7738.4
10°	281.2	314.3	377.3	510.3	793.7	1363.7	2411.6	4110.3	5985.0	7931.2	10260.9
7.5°	284.6	323.3	398.7	562.3	926.3	1676.1	2997.2	4841.4	6994.3	9651.1	13210.6
5°	287.1	329.4	414.6	601.5	1014.9	1882.6	3367.0	5395.4	7865.2	11706.7	19032.4
2.5°	288.3	332.1	423.6	623.0	1055.3	1988.7	3627.3	5712.6	8395.1	13156.8	23065.3
0°	287.8	330.6	424.6	627.9	1061.1	2069.9	3670.6	5803.2	8574.1	13286.8	24358.3
-2.5°	288.3	332.1	423.6	623.0	1055.3	1988.7	3627.3	5712.6	8395.1	13156.8	23065.3
-5°	287.1	329.4	414.6	601.5	1014.9	1882.6	3367.0	5395.4	7865.2	11706.7	19032.4
-7.5°	284.6	323.3	398.7	562.3	926.3	1676.1	2997.2	4841.4	6994.3	9651.1	13210.6
-10°	281.2	314.3	377.3	510.3	793.7	1363.7	2411.6	4110.3	5985.0	7931.2	10260.9
-12.5°	275.6	301.7	349.1	440.2	645.0	1083.1	1944.7	3291.4	4848.4	6449.7	7738.4
-15°	267.8	289.8	328.0	402.3	551.4	847.4	1384.5	2332.9	3607.9	4749.7	5768.0
-17.5°	258.6	280.2	308.5	355.4	443.7	633.7	989.4	1546.7	2305.5	3139.4	3834.8
-20°	248.1	268.4	290.7	325.4	384.4	478.9	662.5	987.8	1351.2	1868.5	2302.7



REPORT NUMBER: P558696 (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°	237.0	255.4	275.7	298.7	333.4	393.1	477.9	628.4	837.7	1044.5	1274.5
-25°	225.8	241.4	259.8	279.8	301.3	333.0	382.6	441.2	545.0	625.5	747.7
-27.5°	215.7	229.0	244.5	261.8	279.4	297.1	324.1	353.8	397.9	433.1	492.8
-30°	206.3	217.2	230.4	245.0	259.6	274.4	290.0	307.3	323.7	341.3	366.6
-32.5°	198.9	206.5	216.7	228.7	240.4	252.8	265.2	277.6	287.0	296.6	306.3
-35°	192.2	198.3	204.6	214.0	223.5	233.1	243.4	254.6	264.0	271.0	275.9
-37.5°	186.8	191.2	196.4	201.7	209.2	217.0	225.5	234.0	241.3	247.9	253.3
-40°	182.1	185.1	189.4	193.5	198.1	202.2	209.0	215.8	221.0	225.4	229.4
-42.5°	177.9	180.8	183.6	186.9	190.1	193.0	196.3	199.1	202.0	205.2	207.4
-45°	173.8	176.7	179.2	181.7	183.8	186.1	188.1	189.4	190.7	191.6	192.1
-47.5°	170.4	172.8	175.2	177.3	179.2	180.9	182.3	183.1	183.7	184.0	183.9
-50°	166.4	169.2	171.4	173.4	175.3	176.8	178.1	178.7	179.0	179.1	178.9
-52.5°	161.6	164.4	167.2	169.6	171.4	173.1	174.5	174.9	175.1	175.2	175.3
-55°	156.3	159.2	161.8	164.4	166.7	168.7	170.1	170.8	171.3	171.5	171.7
-57.5°	149.6	153.3	156.5	158.8	161.1	163.4	165.0	166.0	166.8	167.4	167.9
-60°	141.9	145.8	148.9	151.7	154.3	156.7	158.6	160.3	161.6	162.6	163.6
-62.5°	132.9	136.7	140.0	143.0	145.8	148.2	150.6	152.8	154.7	156.4	158.0
-65°	121.2	125.1	128.9	132.4	135.7	138.1	140.6	143.0	145.2	147.0	148.3
-67.5°	108.6	112.1	115.6	119.1	122.2	125.0	127.8	130.3	132.6	134.1	135.1
-70°	94.7	98.1	101.2	104.1	106.7	109.4	112.1	114.6	117.0	118.5	119.3
-72.5°	79.6	82.9	85.8	88.3	90.5	92.7	94.8	96.8	98.6	100.0	101.0
-75°	63.5	66.2	68.7	71.1	73.2	75.1	76.7	78.2	79.5	80.7	81.8
-77.5°	47.4	49.7	51.9	53.8	55.6	57.1	58.3	59.4	60.3	61.5	62.6
-80°	33.2	34.8	36.4	37.8	39.1	40.2	41.1	41.8	42.4	43.1	43.6
-82.5°	21.2	22.3	23.3	24.2	25.0	25.7	26.2	26.8	27.2	27.6	27.9
-85°	12.1	12.6	13.1	13.6	14.1	14.5	14.8	15.1	15.4	15.6	15.8
-87.5°	5.4	5.4	5.3	5.3	5.2	5.3	5.4	5.4	5.5	5.6	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558696 (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°
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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4
85°	15.9	16.0	16.1	16.1	16.1	16.0	15.9	15.8	15.6	15.4	15.1
82.5°	28.2	28.4	28.5	28.5	28.5	28.4	28.2	27.9	27.6	27.2	26.8
80°	44.0	44.4	44.5	44.6	44.5	44.4	44.0	43.6	43.1	42.4	41.8
77.5°	63.5	64.2	64.5	64.6	64.5	64.2	63.5	62.6	61.5	60.3	59.4
75°	82.6	83.2	83.5	83.6	83.5	83.2	82.6	81.8	80.7	79.5	78.2
72.5°	101.7	102.1	102.9	103.5	102.9	102.1	101.7	101.0	100.0	98.6	96.8
70°	119.9	120.1	120.9	121.6	120.9	120.1	119.9	119.3	118.5	117.0	114.6
67.5°	135.8	136.3	136.2	135.8	136.2	136.3	135.8	135.1	134.1	132.6	130.3
65°	149.5	150.4	150.5	150.1	150.5	150.4	149.5	148.3	147.0	145.2	143.0
62.5°	159.5	160.8	161.4	161.5	161.4	160.8	159.5	158.0	156.4	154.7	152.8
60°	164.4	165.0	165.3	165.3	165.3	165.0	164.4	163.6	162.6	161.6	160.3
57.5°	168.0	168.0	168.1	168.1	168.1	168.0	168.0	167.9	167.4	166.8	166.0
55°	171.8	171.8	171.5	171.0	171.5	171.8	171.8	171.7	171.5	171.3	170.8
52.5°	175.1	174.8	174.4	173.8	174.4	174.8	175.1	175.3	175.2	175.1	174.9
50°	178.4	177.8	177.5	177.6	177.5	177.8	178.4	178.9	179.1	179.0	178.7
47.5°	183.8	183.4	183.2	183.3	183.2	183.4	183.8	183.9	184.0	183.7	183.1
45°	192.2	191.9	191.7	191.9	191.7	191.9	192.2	192.1	191.6	190.7	189.4
42.5°	208.6	208.7	208.6	209.0	208.6	208.7	208.6	207.4	205.2	202.0	199.1
40°	230.9	230.8	230.0	229.9	230.0	230.8	230.9	229.4	225.4	221.0	215.8
37.5°	255.4	255.4	254.6	254.6	254.6	255.4	255.4	253.3	247.9	241.3	234.0
35°	278.5	279.4	279.2	278.3	279.2	279.4	278.5	275.9	271.0	264.0	254.6
32.5°	313.2	318.5	321.3	320.1	321.3	318.5	313.2	306.3	296.6	287.0	277.6
30°	382.5	396.2	403.4	406.6	403.4	396.2	382.5	366.6	341.3	323.7	307.3
27.5°	535.6	565.8	579.3	584.2	579.3	565.8	535.6	492.8	433.1	397.9	353.8
25°	854.4	922.6	956.2	967.0	956.2	922.6	854.4	747.7	625.5	545.0	441.2
22.5°	1527.7	1659.0	1748.9	1768.8	1748.9	1659.0	1527.7	1274.5	1044.5	837.7	628.4
20°	2739.2	2993.2	3131.0	3118.6	3131.0	2993.2	2739.2	2302.7	1868.5	1351.2	987.8
17.5°	4425.9	4751.7	4906.7	4834.2	4906.7	4751.7	4425.9	3834.8	3139.4	2305.5	1546.7
15°	6488.3	6928.3	7120.3	7179.6	7120.3	6928.3	6488.3	5768.0	4749.7	3607.9	2332.9
12.5°	9024.8	10467.5	11157.4	11342.3	11157.4	10467.5	9024.8	7738.4	6449.7	4848.4	3291.4
10°	12643.9	17493.2	20377.6	21082.0	20377.6	17493.2	12643.9	10260.9	7931.2	5985.0	4110.3
7.5°	20648.6	30502.8	41541.8	46769.3	41541.8	30502.8	20648.6	13210.6	9651.1	6994.3	4841.4
5°	31489.0	54651.7	80210.4	90229.8	80210.4	54651.7	31489.0	19032.4	11706.7	7865.2	5395.4
2.5°	44667.4	82519.9	117835.7	131000.7	117835.7	82519.9	44667.4	23065.3	13156.8	8395.1	5712.6
0°	50235.1	95136.2	129829.4	141106.6	129829.4	95136.2	50235.1	24358.3	13286.8	8574.1	5803.2
-2.5°	44667.4	82519.9	117835.7	131000.6	117835.7	82519.9	44667.4	23065.3	13156.8	8395.1	5712.6
-5°	31489.0	54651.7	80210.4	90229.8	80210.4	54651.7	31489.0	19032.4	11706.7	7865.2	5395.4
-7.5°	20648.6	30502.8	41541.8	46769.3	41541.8	30502.8	20648.6	13210.6	9651.1	6994.3	4841.4
-10°	12643.9	17493.2	20377.6	21082.0	20377.6	17493.2	12643.9	10260.9	7931.2	5985.0	4110.3
-12.5°	9024.8	10467.5	11157.4	11342.3	11157.4	10467.5	9024.8	7738.4	6449.7	4848.4	3291.4
-15°	6488.3	6928.3	7120.3	7179.6	7120.3	6928.3	6488.3	5768.0	4749.7	3607.9	2332.9
-17.5°	4425.9	4751.7	4906.7	4834.2	4906.7	4751.7	4425.9	3834.8	3139.4	2305.5	1546.7
-20°	2739.2	2993.2	3131.0	3118.6	3131.0	2993.2	2739.2	2302.7	1868.5	1351.2	987.8



REPORT NUMBER: P558696 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1527.7	1659.0	1748.9	1768.8	1748.9	1659.0	1527.7	1274.5	1044.5	837.7	628.4
-25°	854.4	922.6	956.2	967.0	956.2	922.6	854.4	747.7	625.5	545.0	441.2
-27.5°	535.6	565.8	579.3	584.2	579.3	565.8	535.6	492.8	433.1	397.9	353.8
-30°	382.5	396.2	403.4	406.6	403.4	396.2	382.5	366.6	341.3	323.7	307.3
-32.5°	313.2	318.5	321.3	320.1	321.3	318.5	313.2	306.3	296.6	287.0	277.6
-35°	278.5	279.4	279.2	278.3	279.2	279.4	278.5	275.9	271.0	264.0	254.6
-37.5°	255.4	255.4	254.6	254.6	254.6	255.4	255.4	253.3	247.9	241.3	234.0
-40°	230.9	230.8	230.0	229.9	230.0	230.8	230.9	229.4	225.4	221.0	215.8
-42.5°	208.6	208.7	208.6	209.0	208.6	208.7	208.6	207.4	205.2	202.0	199.1
-45°	192.2	191.9	191.7	191.9	191.7	191.9	192.2	192.1	191.6	190.7	189.4
-47.5°	183.8	183.4	183.2	183.3	183.2	183.4	183.8	183.9	184.0	183.7	183.1
-50°	178.4	177.8	177.5	177.6	177.5	177.8	178.4	178.9	179.1	179.0	178.7
-52.5°	175.1	174.8	174.4	173.8	174.4	174.8	175.1	175.3	175.2	175.1	174.9
-55°	171.8	171.8	171.5	171.0	171.5	171.8	171.8	171.7	171.5	171.3	170.8
-57.5°	168.0	168.0	168.1	168.1	168.1	168.0	168.0	167.9	167.4	166.8	166.0
-60°	164.4	165.0	165.3	165.3	165.3	165.0	164.4	163.6	162.6	161.6	160.3
-62.5°	159.5	160.8	161.4	161.5	161.4	160.8	159.5	158.0	156.4	154.7	152.8
-65°	149.5	150.4	150.5	150.1	150.5	150.4	149.5	148.3	147.0	145.2	143.0
-67.5°	135.8	136.3	136.2	135.8	136.2	136.3	135.8	135.1	134.1	132.6	130.3
-70°	119.9	120.1	120.9	121.6	120.9	120.1	119.9	119.3	118.5	117.0	114.6
-72.5°	101.7	102.1	102.9	103.5	102.9	102.1	101.7	101.0	100.0	98.6	96.8
-75°	82.6	83.2	83.5	83.6	83.5	83.2	82.6	81.8	80.7	79.5	78.2
-77.5°	63.5	64.2	64.5	64.6	64.5	64.2	63.5	62.6	61.5	60.3	59.4
-80°	44.0	44.4	44.5	44.6	44.5	44.4	44.0	43.6	43.1	42.4	41.8
-82.5°	28.2	28.4	28.5	28.5	28.5	28.4	28.2	27.9	27.6	27.2	26.8
-85°	15.9	16.0	16.1	16.1	16.1	16.0	15.9	15.8	15.6	15.4	15.1
-87.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4
-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: P558696 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-TS-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°	5.4	5.3	5.2	5.3	5.3	5.4	5.4	5.2	5.1	4.9	4.7
85°	14.8	14.5	14.1	13.6	13.1	12.6	12.1	11.5	10.9	10.3	9.7
82.5°	26.2	25.7	25.0	24.2	23.3	22.3	21.2	20.1	18.8	17.4	15.9
80°	41.1	40.2	39.1	37.8	36.4	34.8	33.2	31.5	29.5	27.7	26.0
77.5°	58.3	57.1	55.6	53.8	51.9	49.7	47.4	45.4	43.4	41.1	38.4
75°	76.7	75.1	73.2	71.1	68.7	66.2	63.5	60.5	57.5	54.5	51.3
72.5°	94.8	92.7	90.5	88.3	85.8	82.9	79.6	75.9	72.0	68.0	63.9
70°	112.1	109.4	106.7	104.1	101.2	98.1	94.7	91.0	86.9	82.3	77.3
67.5°	127.8	125.0	122.2	119.1	115.6	112.1	108.6	105.1	100.8	96.0	90.4
65°	140.6	138.1	135.7	132.4	128.9	125.1	121.2	117.1	112.9	108.4	103.1
62.5°	150.6	148.2	145.8	143.0	140.0	136.7	132.9	128.4	123.8	119.0	113.5
60°	158.6	156.7	154.3	151.7	148.9	145.8	141.9	138.0	134.1	128.8	123.3
57.5°	165.0	163.4	161.1	158.8	156.5	153.3	149.6	145.8	141.5	137.3	132.5
55°	170.1	168.7	166.7	164.4	161.8	159.2	156.3	152.6	148.4	144.5	139.7
52.5°	174.5	173.1	171.4	169.6	167.2	164.4	161.6	158.2	154.8	150.7	146.3
50°	178.1	176.8	175.3	173.4	171.4	169.2	166.4	163.2	160.2	156.4	152.1
47.5°	182.3	180.9	179.2	177.3	175.2	172.8	170.4	168.0	164.9	161.6	157.4
45°	188.1	186.1	183.8	181.7	179.2	176.7	173.8	171.6	169.2	166.0	162.4
42.5°	196.3	193.0	190.1	186.9	183.6	180.8	177.9	175.3	172.8	169.9	166.2
40°	209.0	202.2	198.1	193.5	189.4	185.1	182.1	178.9	176.2	173.4	169.8
37.5°	225.5	217.0	209.2	201.7	196.4	191.2	186.8	183.0	179.3	176.3	172.8
35°	243.4	233.1	223.5	214.0	204.6	198.3	192.2	187.5	183.2	179.1	175.6
32.5°	265.2	252.8	240.4	228.7	216.7	206.5	198.9	192.3	186.9	182.3	178.3
30°	290.0	274.4	259.6	245.0	230.4	217.2	206.3	197.9	190.9	185.4	181.0
27.5°	324.1	297.1	279.4	261.8	244.5	229.0	215.7	203.9	195.2	188.8	183.5
25°	382.6	333.0	301.3	279.8	259.8	241.4	225.8	211.9	200.5	192.0	185.5
22.5°	477.9	393.1	333.4	298.7	275.7	255.4	237.0	220.3	205.4	195.1	187.7
20°	662.5	478.9	384.4	325.4	290.7	268.4	248.1	229.2	211.9	198.4	189.6
17.5°	989.4	633.7	443.7	355.4	308.5	280.2	258.6	237.3	217.9	201.2	191.1
15°	1384.5	847.4	551.4	402.3	328.0	289.8	267.8	244.7	223.8	204.9	193.2
12.5°	1944.7	1083.1	645.0	440.2	349.1	301.7	275.6	252.0	229.2	208.9	195.0
10°	2411.6	1363.7	793.7	510.3	377.3	314.3	281.2	256.4	232.3	211.7	196.2
7.5°	2997.2	1676.1	926.3	562.3	398.7	323.3	284.6	258.7	234.0	213.4	196.8
5°	3367.0	1882.6	1014.9	601.5	414.6	329.4	287.1	259.6	234.3	214.1	196.9
2.5°	3627.3	1988.7	1055.3	623.0	423.6	332.1	288.3	260.2	235.4	214.8	197.9
0°	3670.6	2069.9	1061.1	627.9	424.6	330.6	287.8	260.3	236.5	214.7	198.5
-2.5°	3627.3	1988.7	1055.3	623.0	423.6	332.1	288.3	260.2	235.4	214.8	197.9
-5°	3367.0	1882.6	1014.9	601.5	414.6	329.4	287.1	259.6	234.3	214.1	196.9
-7.5°	2997.2	1676.1	926.3	562.3	398.7	323.3	284.6	258.7	234.0	213.4	196.8
-10°	2411.6	1363.7	793.7	510.3	377.3	314.3	281.2	256.4	232.3	211.7	196.2
-12.5°	1944.7	1083.1	645.0	440.2	349.1	301.7	275.6	252.0	229.2	208.9	195.0
-15°	1384.5	847.4	551.4	402.3	328.0	289.8	267.8	244.7	223.8	204.9	193.2
-17.5°	989.4	633.7	443.7	355.4	308.5	280.2	258.6	237.3	217.9	201.2	191.1
-20°	662.5	478.9	384.4	325.4	290.7	268.4	248.1	229.2	211.9	198.4	189.6



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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°	477.9	393.1	333.4	298.7	275.7	255.4	237.0	220.3	205.4	195.1	187.7
-25°	382.6	333.0	301.3	279.8	259.8	241.4	225.8	211.9	200.5	192.0	185.5
-27.5°	324.1	297.1	279.4	261.8	244.5	229.0	215.7	203.9	195.2	188.8	183.5
-30°	290.0	274.4	259.6	245.0	230.4	217.2	206.3	197.9	190.9	185.4	181.0
-32.5°	265.2	252.8	240.4	228.7	216.7	206.5	198.9	192.3	186.9	182.3	178.3
-35°	243.4	233.1	223.5	214.0	204.6	198.3	192.2	187.5	183.2	179.1	175.6
-37.5°	225.5	217.0	209.2	201.7	196.4	191.2	186.8	183.0	179.3	176.3	172.8
-40°	209.0	202.2	198.1	193.5	189.4	185.1	182.1	178.9	176.2	173.4	169.8
-42.5°	196.3	193.0	190.1	186.9	183.6	180.8	177.9	175.3	172.8	169.9	166.2
-45°	188.1	186.1	183.8	181.7	179.2	176.7	173.8	171.6	169.2	166.0	162.4
-47.5°	182.3	180.9	179.2	177.3	175.2	172.8	170.4	168.0	164.9	161.6	157.4
-50°	178.1	176.8	175.3	173.4	171.4	169.2	166.4	163.2	160.2	156.4	152.1
-52.5°	174.5	173.1	171.4	169.6	167.2	164.4	161.6	158.2	154.8	150.7	146.3
-55°	170.1	168.7	166.7	164.4	161.8	159.2	156.3	152.6	148.4	144.5	139.7
-57.5°	165.0	163.4	161.1	158.8	156.5	153.3	149.6	145.8	141.5	137.3	132.5
-60°	158.6	156.7	154.3	151.7	148.9	145.8	141.9	138.0	134.1	128.8	123.3
-62.5°	150.6	148.2	145.8	143.0	140.0	136.7	132.9	128.4	123.8	119.0	113.5
-65°	140.6	138.1	135.7	132.4	128.9	125.1	121.2	117.1	112.9	108.4	103.1
-67.5°	127.8	125.0	122.2	119.1	115.6	112.1	108.6	105.1	100.8	96.0	90.4
-70°	112.1	109.4	106.7	104.1	101.2	98.1	94.7	91.0	86.9	82.3	77.3
-72.5°	94.8	92.7	90.5	88.3	85.8	82.9	79.6	75.9	72.0	68.0	63.9
-75°	76.7	75.1	73.2	71.1	68.7	66.2	63.5	60.5	57.5	54.5	51.3
-77.5°	58.3	57.1	55.6	53.8	51.9	49.7	47.4	45.4	43.4	41.1	38.4
-80°	41.1	40.2	39.1	37.8	36.4	34.8	33.2	31.5	29.5	27.7	26.0
-82.5°	26.2	25.7	25.0	24.2	23.3	22.3	21.2	20.1	18.8	17.4	15.9
-85°	14.8	14.5	14.1	13.6	13.1	12.6	12.1	11.5	10.9	10.3	9.7
-87.5°	5.4	5.3	5.2	5.3	5.3	5.4	5.4	5.2	5.1	4.9	4.7
-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: P558696 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	4.5	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.3	2.0
85°	9.4	8.9	8.4	7.9	7.3	6.6	6.1	5.6	5.0	4.5	4.0
82.5°	14.8	14.1	13.5	12.8	12.1	11.4	10.4	9.4	8.1	6.8	5.9
80°	24.4	22.8	21.1	19.3	17.6	16.1	15.1	13.8	12.0	10.2	8.5
77.5°	35.5	32.6	29.7	27.3	24.7	22.4	20.2	18.2	15.8	13.6	11.4
75°	47.7	43.9	40.2	36.4	32.5	28.5	25.6	22.9	20.0	16.9	14.2
72.5°	59.8	55.4	50.8	45.9	41.4	36.7	31.9	27.6	24.3	20.8	17.2
70°	72.1	67.0	61.8	56.2	50.5	44.9	39.4	34.0	28.6	24.7	20.7
67.5°	84.5	78.5	72.6	66.4	59.9	53.4	46.9	40.6	34.5	28.6	24.1
65°	96.6	89.8	82.9	76.2	69.2	61.9	54.7	47.3	40.3	33.6	27.5
62.5°	107.6	101.1	93.6	86.0	78.3	70.4	62.2	54.1	46.0	38.5	31.4
60°	117.4	110.8	103.9	95.9	87.4	78.8	69.9	60.9	52.0	43.2	35.5
57.5°	126.3	119.9	112.8	105.1	96.4	87.1	77.5	67.7	57.9	48.3	39.4
55°	134.5	128.1	121.2	113.4	104.9	95.3	85.0	74.4	63.8	53.5	43.3
52.5°	141.2	135.5	128.7	121.2	112.6	103.1	92.3	81.0	69.7	58.4	47.6
50°	147.2	141.8	135.5	128.1	119.9	110.0	99.5	87.5	75.4	63.3	51.9
47.5°	152.7	147.5	141.5	134.4	126.0	116.8	105.9	93.9	80.9	68.2	56.0
45°	157.5	152.5	146.9	140.0	132.0	122.6	111.8	100.1	86.5	73.0	59.9
42.5°	162.0	156.9	151.4	145.3	137.1	127.9	117.5	105.4	91.9	77.6	63.8
40°	165.5	160.8	155.6	149.3	141.9	133.1	122.4	110.4	97.1	82.0	67.6
37.5°	168.9	164.2	159.0	153.2	146.2	137.3	126.9	115.1	101.7	86.4	71.2
35°	171.6	167.1	162.0	156.3	149.5	141.3	131.3	119.3	105.6	90.4	74.6
32.5°	174.2	169.8	164.5	158.9	152.7	145.0	135.1	123.0	109.3	94.2	77.9
30°	176.6	171.8	166.9	161.3	155.4	147.8	138.2	126.4	112.8	97.7	80.9
27.5°	178.5	173.6	168.9	163.3	157.4	150.3	141.1	129.5	115.9	100.8	83.7
25°	180.4	175.2	170.4	165.1	159.2	152.7	143.8	132.4	118.6	103.3	86.3
22.5°	182.0	176.7	171.6	166.8	160.7	154.8	146.0	134.5	120.9	105.7	88.6
20°	183.4	178.0	172.6	168.0	162.1	156.1	147.7	136.5	123.0	107.7	90.7
17.5°	184.7	179.1	173.6	168.8	163.1	157.2	149.3	138.3	124.8	109.6	92.5
15°	185.8	180.0	174.5	169.4	164.0	158.1	150.7	139.8	126.4	111.1	94.1
12.5°	186.7	180.6	175.2	169.9	164.7	158.9	151.9	141.1	127.7	112.4	95.4
10°	187.5	180.9	175.7	170.2	165.2	159.4	152.9	142.2	128.7	113.5	96.4
7.5°	188.0	181.0	176.0	170.4	165.5	159.8	153.5	142.9	129.5	114.2	97.1
5°	188.5	181.2	176.3	170.7	165.9	160.2	153.9	143.3	130.0	114.7	97.6
2.5°	189.4	181.9	176.6	170.9	166.1	160.4	154.0	143.5	130.2	114.9	97.8
0°	190.0	182.4	176.7	171.0	166.2	160.5	153.9	143.4	130.1	114.9	97.8
-2.5°	189.4	181.9	176.6	170.9	166.1	160.4	154.0	143.5	130.2	114.9	97.8
-5°	188.5	181.2	176.3	170.7	165.9	160.2	153.9	143.3	130.0	114.7	97.6
-7.5°	188.0	181.0	176.0	170.4	165.5	159.8	153.5	142.9	129.5	114.2	97.1
-10°	187.5	180.9	175.7	170.2	165.2	159.4	152.9	142.2	128.7	113.5	96.4
-12.5°	186.7	180.6	175.2	169.9	164.7	158.9	151.9	141.1	127.7	112.4	95.4
-15°	185.8	180.0	174.5	169.4	164.0	158.1	150.7	139.8	126.4	111.1	94.1
-17.5°	184.7	179.1	173.6	168.8	163.1	157.2	149.3	138.3	124.8	109.6	92.5
-20°	183.4	178.0	172.6	168.0	162.1	156.1	147.7	136.5	123.0	107.7	90.7



REPORT NUMBER: P558696 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	182.0	176.7	171.6	166.8	160.7	154.8	146.0	134.5	120.9	105.7	88.6
-25°	180.4	175.2	170.4	165.1	159.2	152.7	143.8	132.4	118.6	103.3	86.3
-27.5°	178.5	173.6	168.9	163.3	157.4	150.3	141.1	129.5	115.9	100.8	83.7
-30°	176.6	171.8	166.9	161.3	155.4	147.8	138.2	126.4	112.8	97.7	80.9
-32.5°	174.2	169.8	164.5	158.9	152.7	145.0	135.1	123.0	109.3	94.2	77.9
-35°	171.6	167.1	162.0	156.3	149.5	141.3	131.3	119.3	105.6	90.4	74.6
-37.5°	168.9	164.2	159.0	153.2	146.2	137.3	126.9	115.1	101.7	86.4	71.2
-40°	165.5	160.8	155.6	149.3	141.9	133.1	122.4	110.4	97.1	82.0	67.6
-42.5°	162.0	156.9	151.4	145.3	137.1	127.9	117.5	105.4	91.9	77.6	63.8
-45°	157.5	152.5	146.9	140.0	132.0	122.6	111.8	100.1	86.5	73.0	59.9
-47.5°	152.7	147.5	141.5	134.4	126.0	116.8	105.9	93.9	80.9	68.2	56.0
-50°	147.2	141.8	135.5	128.1	119.9	110.0	99.5	87.5	75.4	63.3	51.9
-52.5°	141.2	135.5	128.7	121.2	112.6	103.1	92.3	81.0	69.7	58.4	47.6
-55°	134.5	128.1	121.2	113.4	104.9	95.3	85.0	74.4	63.8	53.5	43.3
-57.5°	126.3	119.9	112.8	105.1	96.4	87.1	77.5	67.7	57.9	48.3	39.4
-60°	117.4	110.8	103.9	95.9	87.4	78.8	69.9	60.9	52.0	43.2	35.5
-62.5°	107.6	101.1	93.6	86.0	78.3	70.4	62.2	54.1	46.0	38.5	31.4
-65°	96.6	89.8	82.9	76.2	69.2	61.9	54.7	47.3	40.3	33.6	27.5
-67.5°	84.5	78.5	72.6	66.4	59.9	53.4	46.9	40.6	34.5	28.6	24.1
-70°	72.1	67.0	61.8	56.2	50.5	44.9	39.4	34.0	28.6	24.7	20.7
-72.5°	59.8	55.4	50.8	45.9	41.4	36.7	31.9	27.6	24.3	20.8	17.2
-75°	47.7	43.9	40.2	36.4	32.5	28.5	25.6	22.9	20.0	16.9	14.2
-77.5°	35.5	32.6	29.7	27.3	24.7	22.4	20.2	18.2	15.8	13.6	11.4
-80°	24.4	22.8	21.1	19.3	17.6	16.1	15.1	13.8	12.0	10.2	8.5
-82.5°	14.8	14.1	13.5	12.8	12.1	11.4	10.4	9.4	8.1	6.8	5.9
-85°	9.4	8.9	8.4	7.9	7.3	6.6	6.1	5.6	5.0	4.5	4.0
-87.5°	4.5	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.3	2.0
-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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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°	1.7	1.5	1.2	1.0	0.7	0.3	0.0
85°	3.4	3.0	2.5	1.9	1.3	0.7	0.0
82.5°	5.1	4.4	3.7	2.9	2.0	1.0	0.0
80°	6.9	5.9	4.9	3.8	2.6	1.3	0.0
77.5°	9.3	7.6	6.1	4.8	3.3	1.6	0.0
75°	11.7	9.6	7.4	5.7	3.9	2.0	0.0
72.5°	14.1	11.6	9.0	6.6	4.6	2.3	0.0
70°	16.6	13.6	10.6	7.6	5.2	2.6	0.0
67.5°	19.6	15.5	12.2	8.8	5.8	2.9	0.0
65°	22.5	17.7	13.7	9.9	6.4	3.2	0.0
62.5°	25.4	20.0	15.2	11.1	7.0	3.5	0.0
60°	28.2	22.3	16.7	12.2	7.6	3.8	0.0
57.5°	31.5	24.6	18.4	13.2	8.3	4.1	0.0
55°	34.8	26.7	20.1	14.3	9.0	4.4	0.0
52.5°	38.0	28.9	21.8	15.3	9.7	4.6	0.0
50°	41.1	31.5	23.4	16.3	10.3	4.9	0.0
47.5°	44.2	34.0	24.9	17.3	10.9	5.1	0.0
45°	47.5	36.4	26.4	18.4	11.5	5.4	0.0
42.5°	50.7	38.7	27.8	19.5	12.1	5.6	0.0
40°	53.8	40.9	29.4	20.5	12.6	5.8	0.0
37.5°	56.6	43.0	31.0	21.4	13.2	6.0	0.0
35°	59.3	45.2	32.6	22.2	13.7	6.2	0.0
32.5°	61.9	47.3	34.1	23.0	14.1	6.4	0.0
30°	64.5	49.2	35.5	23.7	14.5	6.6	0.0
27.5°	66.9	51.0	36.7	24.4	14.9	6.7	0.0
25°	69.0	52.7	37.9	25.0	15.3	6.9	0.0
22.5°	71.0	54.2	39.0	25.6	15.7	7.0	0.0
20°	72.8	55.6	39.9	26.0	16.0	7.1	0.0
17.5°	74.4	56.8	40.8	26.4	16.2	7.2	0.0
15°	75.8	57.8	41.5	26.8	16.5	7.3	0.0
12.5°	77.0	58.7	42.2	27.1	16.6	7.4	0.0
10°	78.0	59.5	42.7	27.3	16.8	7.5	0.0
7.5°	78.8	60.1	43.1	27.4	16.9	7.5	0.0
5°	79.4	60.5	43.5	27.5	17.0	7.6	0.0
2.5°	79.7	60.7	43.6	27.5	17.1	7.6	0.0
0°	79.8	60.8	43.7	27.5	17.1	7.6	0.0
-2.5°	79.7	60.7	43.6	27.5	17.1	7.6	0.0
-5°	79.4	60.5	43.5	27.5	17.0	7.6	0.0
-7.5°	78.8	60.1	43.1	27.4	16.9	7.5	0.0
-10°	78.0	59.5	42.7	27.3	16.8	7.5	0.0
-12.5°	77.0	58.7	42.2	27.1	16.6	7.4	0.0
-15°	75.8	57.8	41.5	26.8	16.5	7.3	0.0
-17.5°	74.4	56.8	40.8	26.4	16.2	7.2	0.0
-20°	72.8	55.6	39.9	26.0	16.0	7.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	71.0	54.2	39.0	25.6	15.7	7.0	0.0
-25°	69.0	52.7	37.9	25.0	15.3	6.9	0.0
-27.5°	66.9	51.0	36.7	24.4	14.9	6.7	0.0
-30°	64.5	49.2	35.5	23.7	14.5	6.6	0.0
-32.5°	61.9	47.3	34.1	23.0	14.1	6.4	0.0
-35°	59.3	45.2	32.6	22.2	13.7	6.2	0.0
-37.5°	56.6	43.0	31.0	21.4	13.2	6.0	0.0
-40°	53.8	40.9	29.4	20.5	12.6	5.8	0.0
-42.5°	50.7	38.7	27.8	19.5	12.1	5.6	0.0
-45°	47.5	36.4	26.4	18.4	11.5	5.4	0.0
-47.5°	44.2	34.0	24.9	17.3	10.9	5.1	0.0
-50°	41.1	31.5	23.4	16.3	10.3	4.9	0.0
-52.5°	38.0	28.9	21.8	15.3	9.7	4.6	0.0
-55°	34.8	26.7	20.1	14.3	9.0	4.4	0.0
-57.5°	31.5	24.6	18.4	13.2	8.3	4.1	0.0
-60°	28.2	22.3	16.7	12.2	7.6	3.8	0.0
-62.5°	25.4	20.0	15.2	11.1	7.0	3.5	0.0
-65°	22.5	17.7	13.7	9.9	6.4	3.2	0.0
-67.5°	19.6	15.5	12.2	8.8	5.8	2.9	0.0
-70°	16.6	13.6	10.6	7.6	5.2	2.6	0.0
-72.5°	14.1	11.6	9.0	6.6	4.6	2.3	0.0
-75°	11.7	9.6	7.4	5.7	3.9	2.0	0.0
-77.5°	9.3	7.6	6.1	4.8	3.3	1.6	0.0
-80°	6.9	5.9	4.9	3.8	2.6	1.3	0.0
-82.5°	5.1	4.4	3.7	2.9	2.0	1.0	0.0
-85°	3.4	3.0	2.5	1.9	1.3	0.7	0.0
-87.5°	1.7	1.5	1.2	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)