

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: P558744 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558744 (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-SA2E-940-U-TS-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT N2
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

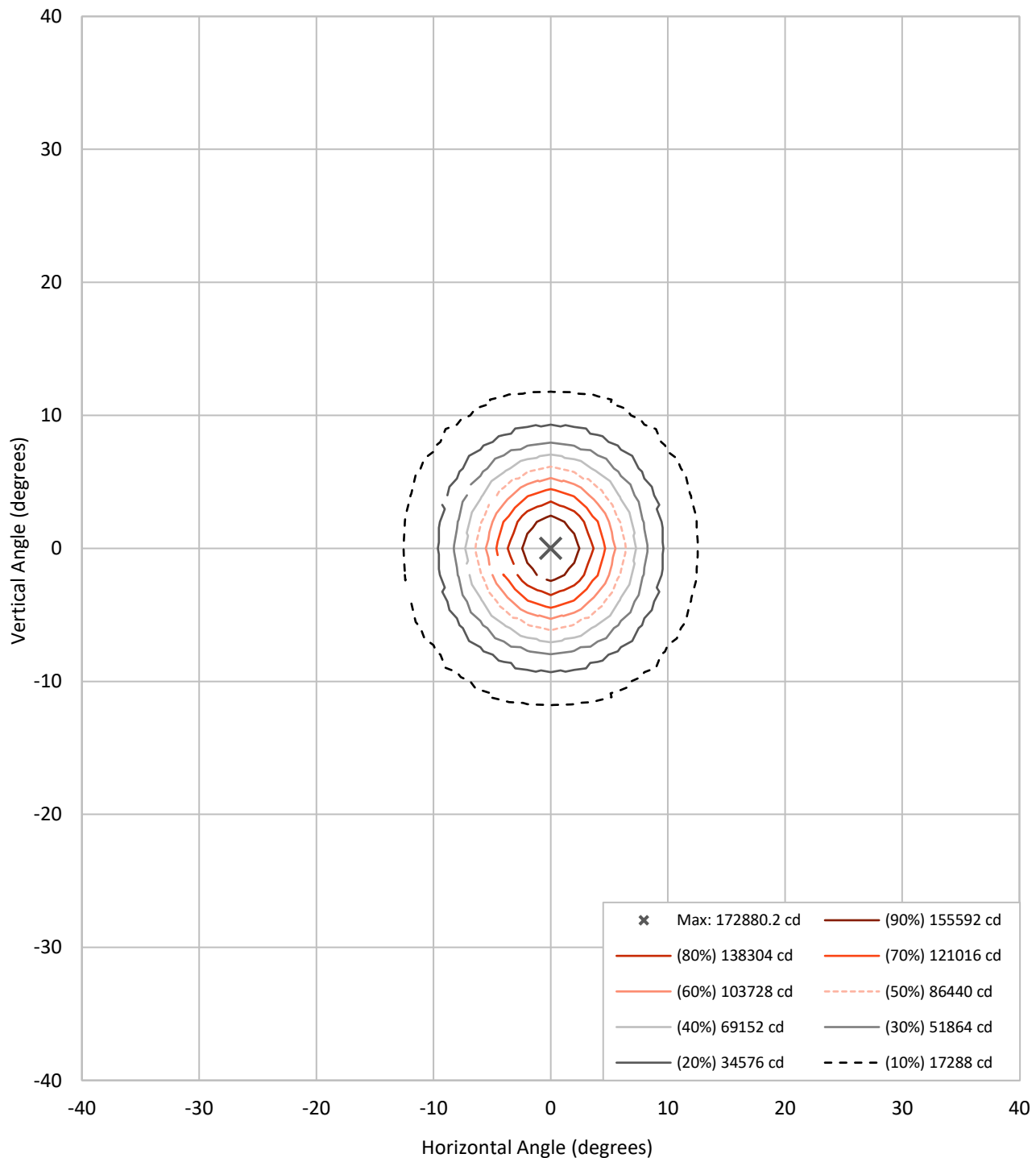
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	12531.5 lumens	Max Intensity:	172880.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3959.8 lumens	Field Lumens:	8772.2 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 127
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: P558744 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





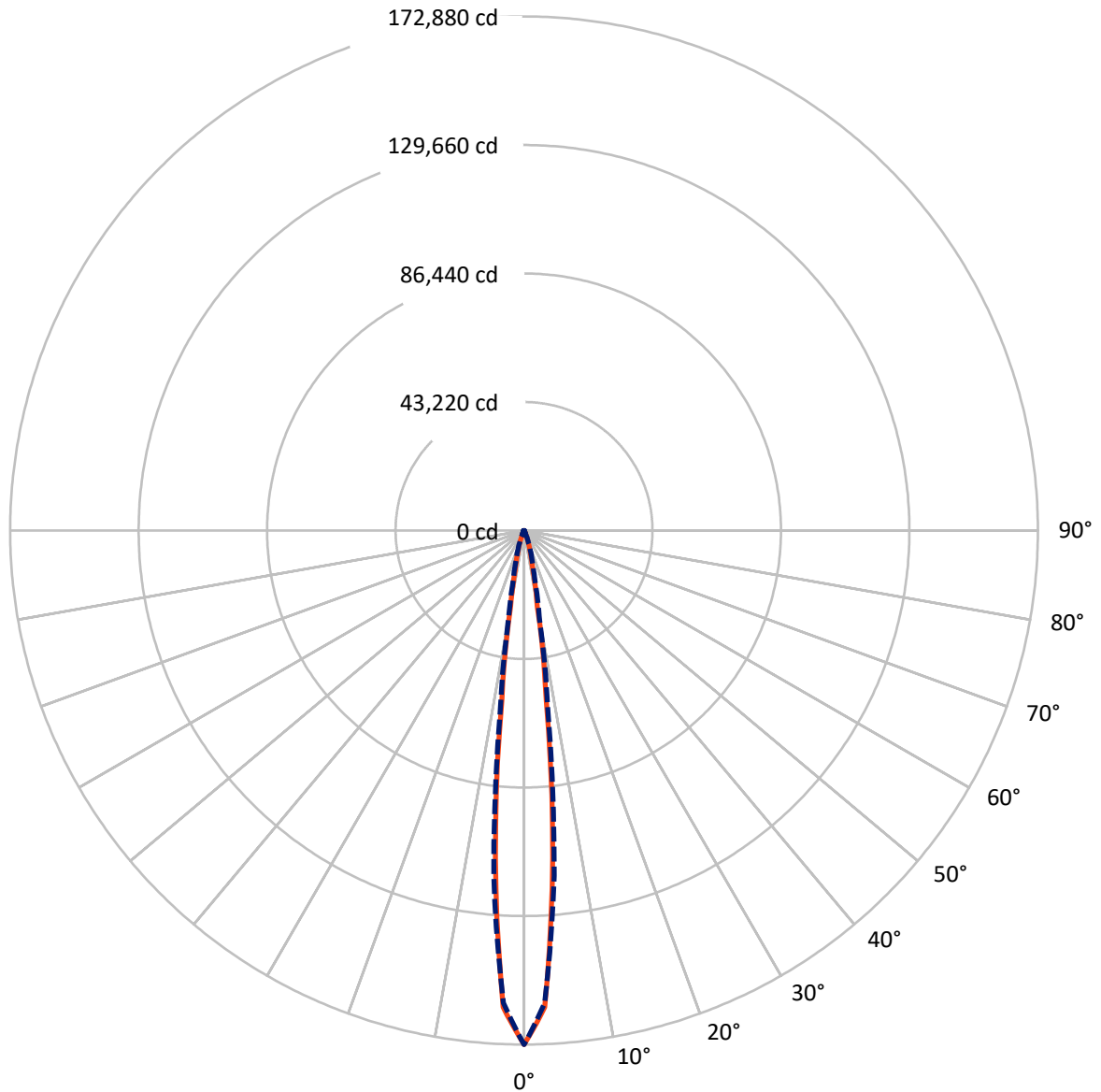
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Lumen Table

90	0.2	1.4		4.0		6.5		7.5		6.5		4.0		1.4		0.2
80	0.2	1.4		4.0		6.5		7.5		6.5		4.0		1.4		0.2
70	0.7	0.8	1.6	2.7	3.7	4.5	5.1	5.5	5.5	5.1	4.5	3.7	2.7	1.6	0.8	0.7
60		1.2	2.4	3.7	4.7	5.6	6.1	6.4	6.4	6.1	5.6	4.7	3.7	2.4	1.2	
50	1.2	1.6	3.0	4.3	5.3	6.2	7.0	7.3	7.3	7.0	6.2	5.3	4.3	3.0	1.6	1.2
40		1.9	3.3	4.6	5.9	7.6	9.6	10.8	10.8	9.6	7.6	5.9	4.6	3.3	1.9	
30	1.6	2.1	3.5	4.9	7.0	10.8	24.0	43.7	43.7	24.0	10.8	7.0	4.9	3.5	2.1	1.6
20		2.2	3.6	5.2	8.3	23.3	131.4	289.1	289.1	131.4	23.3	8.3	5.2	3.6	2.2	
10	1.8	2.2	3.7	5.3	9.2	44.7	315.4	2040.6	2040.6	315.4	44.7	9.2	5.3	3.7	2.2	1.8
0		2.2	3.7	5.3	9.2	44.7	315.4	2040.6	2040.6	315.4	44.7	9.2	5.3	3.7	2.2	
-10	1.6	2.2	3.6	5.2	8.3	23.3	131.4	289.1	289.1	131.4	23.3	8.3	5.2	3.6	2.2	1.6
-20		2.1	3.5	4.9	7.0	10.8	24.0	43.7	43.7	24.0	10.8	7.0	4.9	3.5	2.1	
-30	1.2	1.9	3.3	4.6	5.9	7.6	9.6	10.8	10.8	9.6	7.6	5.9	4.6	3.3	1.9	1.2
-40		1.6	3.0	4.3	5.3	6.2	7.0	7.3	7.3	7.0	6.2	5.3	4.3	3.0	1.6	
-50	0.7	1.2	2.4	3.7	4.7	5.6	6.1	6.4	6.4	6.1	5.6	4.7	3.7	2.4	1.2	0.7
-60		0.8	1.6	2.7	3.7	4.5	5.1	5.5	5.5	5.1	4.5	3.7	2.7	1.6	0.8	
-70	0.2	1.4		4.0		6.5		7.5		6.5		4.0		1.4		0.2
-80		1.4		4.0		6.5		7.5		6.5		4.0		1.4		
-90	0.2	1.4		4.0		6.5		7.5		6.5		4.0		1.4		0.2

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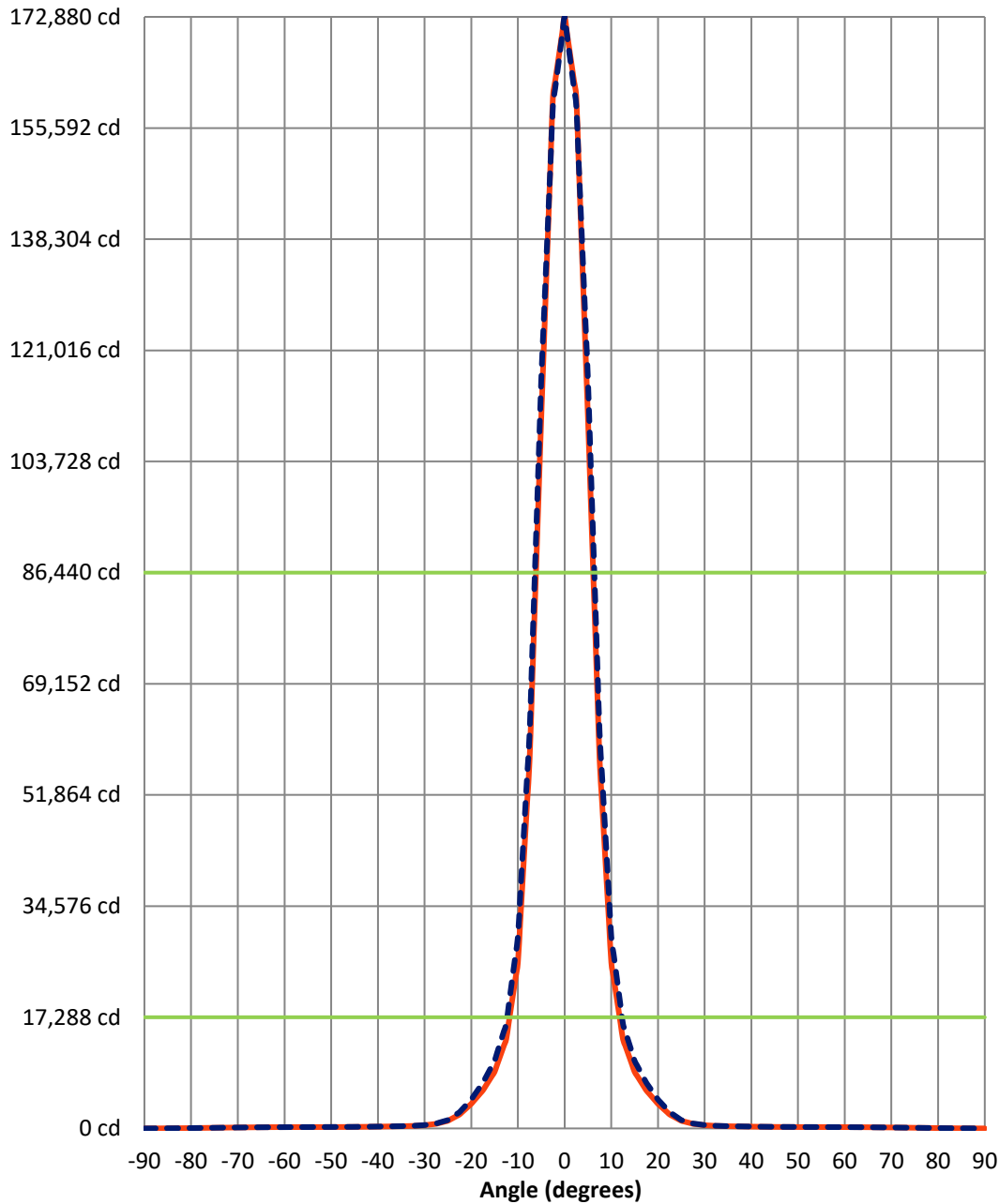
Luminous Intensity Polar Plot



— 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: 3959.8
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 8772.2
 Efficiency: 70.0%

Spill:
 Lumens: 3759.3
 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	0.4	0.8	1.2	1.5	1.8	2.1	2.4	2.8	3.1	3.4
85°	0.0	0.8	1.6	2.3	3.0	3.6	4.2	4.9	5.5	6.2	6.8
82.5°	0.0	1.2	2.4	3.5	4.5	5.4	6.3	7.3	8.4	9.9	11.5
80°	0.0	1.6	3.2	4.7	6.0	7.3	8.5	10.5	12.5	14.6	16.8
77.5°	0.0	2.0	4.0	5.8	7.5	9.3	11.5	14.0	16.6	19.3	22.2
75°	0.0	2.4	4.8	7.0	9.1	11.8	14.4	17.5	20.7	24.5	28.0
72.5°	0.0	2.8	5.6	8.1	11.1	14.2	17.4	21.1	25.5	29.8	33.8
70°	0.0	3.2	6.4	9.3	13.0	16.6	20.4	25.4	30.3	35.1	41.6
67.5°	0.0	3.6	7.1	10.8	14.9	19.0	24.0	29.6	35.1	42.3	49.8
65°	0.0	3.9	7.9	12.2	16.8	21.7	27.6	33.7	41.2	49.3	57.9
62.5°	0.0	4.3	8.6	13.5	18.6	24.5	31.1	38.5	47.1	56.3	66.4
60°	0.0	4.6	9.3	14.9	20.4	27.4	34.5	43.5	52.9	63.8	74.6
57.5°	0.0	5.0	10.2	16.2	22.6	30.1	38.6	48.3	59.2	71.0	83.0
55°	0.0	5.3	11.0	17.5	24.7	32.7	42.6	53.0	65.5	78.2	91.3
52.5°	0.0	5.7	11.8	18.7	26.7	35.4	46.5	58.3	71.6	85.4	99.3
50°	0.0	6.0	12.6	19.9	28.7	38.6	50.3	63.5	77.6	92.4	107.3
47.5°	0.0	6.3	13.4	21.2	30.5	41.7	54.1	68.6	83.6	99.2	115.1
45°	0.0	6.6	14.1	22.5	32.4	44.6	58.2	73.4	89.5	106.0	122.7
42.5°	0.0	6.9	14.8	23.8	34.1	47.4	62.1	78.2	95.1	112.6	129.2
40°	0.0	7.1	15.5	25.0	36.0	50.1	65.9	82.8	100.5	118.9	135.2
37.5°	0.0	7.4	16.1	26.2	38.0	52.7	69.4	87.3	105.8	124.7	141.0
35°	0.0	7.6	16.7	27.2	39.9	55.3	72.7	91.5	110.8	129.4	146.2
32.5°	0.0	7.8	17.3	28.2	41.8	57.9	75.9	95.4	115.4	133.9	150.6
30°	0.0	8.1	17.8	29.1	43.4	60.3	79.0	99.1	119.7	138.1	154.8
27.5°	0.0	8.2	18.3	29.9	45.0	62.5	81.9	102.6	123.4	142.0	158.6
25°	0.0	8.4	18.7	30.7	46.4	64.5	84.6	105.8	126.6	145.3	162.1
22.5°	0.0	8.6	19.1	31.3	47.7	66.4	87.0	108.6	129.4	148.2	164.8
20°	0.0	8.7	19.5	31.9	48.9	68.1	89.2	111.1	132.0	150.7	167.2
17.5°	0.0	8.9	19.8	32.4	49.9	69.6	91.2	113.3	134.2	152.9	169.4
15°	0.0	9.0	20.1	32.9	50.9	70.9	92.9	115.2	136.1	154.9	171.3
12.5°	0.0	9.1	20.3	33.2	51.7	72.0	94.4	116.8	137.7	156.5	172.9
10°	0.0	9.2	20.5	33.5	52.3	72.9	95.6	118.1	139.0	157.7	174.2
7.5°	0.0	9.2	20.7	33.7	52.8	73.6	96.6	119.0	140.0	158.6	175.0
5°	0.0	9.3	20.8	33.8	53.2	74.1	97.3	119.6	140.6	159.2	175.6
2.5°	0.0	9.3	20.9	33.8	53.4	74.4	97.7	119.9	140.9	159.5	175.8
0°	0.0	9.3	20.9	33.8	53.4	74.4	97.7	119.9	140.9	159.5	175.8
-2.5°	0.0	9.3	20.9	33.8	53.4	74.4	97.7	119.9	140.9	159.5	175.8
-5°	0.0	9.3	20.8	33.8	53.2	74.1	97.3	119.6	140.6	159.2	175.6
-7.5°	0.0	9.2	20.7	33.7	52.8	73.6	96.6	119.0	140.0	158.6	175.0
-10°	0.0	9.2	20.5	33.5	52.3	72.9	95.6	118.1	139.0	157.7	174.2
-12.5°	0.0	9.1	20.3	33.2	51.7	72.0	94.4	116.8	137.7	156.5	172.9
-15°	0.0	9.0	20.1	32.9	50.9	70.9	92.9	115.2	136.1	154.9	171.3
-17.5°	0.0	8.9	19.8	32.4	49.9	69.6	91.2	113.3	134.2	152.9	169.4
-20°	0.0	8.7	19.5	31.9	48.9	68.1	89.2	111.1	132.0	150.7	167.2



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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	8.6	19.1	31.3	47.7	66.4	87.0	108.6	129.4	148.2	164.8
-25°	0.0	8.4	18.7	30.7	46.4	64.5	84.6	105.8	126.6	145.3	162.1
-27.5°	0.0	8.2	18.3	29.9	45.0	62.5	81.9	102.6	123.4	142.0	158.6
-30°	0.0	8.1	17.8	29.1	43.4	60.3	79.0	99.1	119.7	138.1	154.8
-32.5°	0.0	7.8	17.3	28.2	41.8	57.9	75.9	95.4	115.4	133.9	150.6
-35°	0.0	7.6	16.7	27.2	39.9	55.3	72.7	91.5	110.8	129.4	146.2
-37.5°	0.0	7.4	16.1	26.2	38.0	52.7	69.4	87.3	105.8	124.7	141.0
-40°	0.0	7.1	15.5	25.0	36.0	50.1	65.9	82.8	100.5	118.9	135.2
-42.5°	0.0	6.9	14.8	23.8	34.1	47.4	62.1	78.2	95.1	112.6	129.2
-45°	0.0	6.6	14.1	22.5	32.4	44.6	58.2	73.4	89.5	106.0	122.7
-47.5°	0.0	6.3	13.4	21.2	30.5	41.7	54.1	68.6	83.6	99.2	115.1
-50°	0.0	6.0	12.6	19.9	28.7	38.6	50.3	63.5	77.6	92.4	107.3
-52.5°	0.0	5.7	11.8	18.7	26.7	35.4	46.5	58.3	71.6	85.4	99.3
-55°	0.0	5.3	11.0	17.5	24.7	32.7	42.6	53.0	65.5	78.2	91.3
-57.5°	0.0	5.0	10.2	16.2	22.6	30.1	38.6	48.3	59.2	71.0	83.0
-60°	0.0	4.6	9.3	14.9	20.4	27.4	34.5	43.5	52.9	63.8	74.6
-62.5°	0.0	4.3	8.6	13.5	18.6	24.5	31.1	38.5	47.1	56.3	66.4
-65°	0.0	3.9	7.9	12.2	16.8	21.7	27.6	33.7	41.2	49.3	57.9
-67.5°	0.0	3.6	7.1	10.8	14.9	19.0	24.0	29.6	35.1	42.3	49.8
-70°	0.0	3.2	6.4	9.3	13.0	16.6	20.4	25.4	30.3	35.1	41.6
-72.5°	0.0	2.8	5.6	8.1	11.1	14.2	17.4	21.1	25.5	29.8	33.8
-75°	0.0	2.4	4.8	7.0	9.1	11.8	14.4	17.5	20.7	24.5	28.0
-77.5°	0.0	2.0	4.0	5.8	7.5	9.3	11.5	14.0	16.6	19.3	22.2
-80°	0.0	1.6	3.2	4.7	6.0	7.3	8.5	10.5	12.5	14.6	16.8
-82.5°	0.0	1.2	2.4	3.5	4.5	5.4	6.3	7.3	8.4	9.9	11.5
-85°	0.0	0.8	1.6	2.3	3.0	3.6	4.2	4.9	5.5	6.2	6.8
-87.5°	0.0	0.4	0.8	1.2	1.5	1.8	2.1	2.4	2.8	3.1	3.4
-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°	3.7	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	6.4
85°	7.5	8.1	8.9	9.6	10.3	10.9	11.5	12.0	12.7	13.4	14.1
82.5°	12.8	13.9	14.9	15.7	16.5	17.3	18.2	19.6	21.3	23.0	24.6
80°	18.4	19.7	21.6	23.7	25.8	27.9	29.9	31.8	33.9	36.2	38.5
77.5°	24.8	27.4	30.3	33.5	36.5	39.9	43.5	47.0	50.3	53.1	55.6
75°	31.4	35.0	39.8	44.7	49.2	53.8	58.4	62.9	66.8	70.5	74.2
72.5°	39.1	45.0	50.7	56.3	62.2	67.9	73.3	78.3	83.3	88.3	93.0
70°	48.3	55.0	61.9	69.0	75.8	82.1	88.4	94.7	100.9	106.4	111.4
67.5°	57.6	65.5	73.5	81.4	88.9	96.1	103.5	110.7	117.6	123.5	128.8
65°	67.0	75.9	84.8	93.4	101.6	110.0	118.3	126.3	132.8	138.2	143.5
62.5°	76.3	86.3	96.0	105.4	114.7	123.9	131.9	139.1	145.8	151.7	157.3
60°	85.7	96.6	107.2	117.5	127.3	135.7	143.9	151.1	157.8	164.3	169.1
57.5°	95.1	106.8	118.2	128.8	138.2	147.0	154.7	162.3	168.2	173.4	178.6
55°	104.2	116.8	128.5	139.0	148.5	156.9	164.8	171.1	177.0	181.8	186.9
52.5°	113.2	126.3	138.0	148.5	157.7	165.9	172.9	179.2	184.6	189.6	193.8
50°	121.9	134.8	146.9	156.9	166.0	173.8	180.3	186.3	191.6	196.2	200.0
47.5°	129.7	143.1	154.4	164.7	173.4	180.7	187.0	192.8	198.1	202.1	205.8
45°	137.0	150.2	161.7	171.5	180.0	186.9	193.0	199.0	203.4	207.3	210.2
42.5°	144.0	156.7	168.0	178.1	185.6	192.3	198.5	203.7	208.2	211.6	214.7
40°	149.9	163.0	173.9	183.0	190.7	197.1	202.8	208.0	212.4	215.8	219.2
37.5°	155.5	168.2	179.2	187.7	194.8	201.2	206.9	211.7	216.0	219.7	224.2
35°	160.9	173.1	183.3	191.6	198.5	204.8	210.2	215.1	219.5	224.5	229.7
32.5°	165.4	177.7	187.1	194.7	201.6	208.0	213.4	218.4	223.4	229.0	235.5
30°	169.3	181.2	190.5	197.6	204.5	210.5	216.3	221.7	227.2	233.9	242.4
27.5°	172.9	184.3	192.9	200.1	207.0	212.6	218.7	224.8	231.2	239.1	249.9
25°	176.2	187.1	195.1	202.4	208.8	214.6	220.9	227.2	235.2	245.6	259.7
22.5°	178.9	189.7	197.0	204.4	210.3	216.5	222.9	229.9	239.0	251.6	270.0
20°	181.0	191.3	198.6	205.9	211.5	218.1	224.7	232.3	243.1	259.6	280.8
17.5°	182.9	192.7	199.9	206.8	212.7	219.5	226.3	234.2	246.5	267.0	290.8
15°	184.6	193.8	201.0	207.6	213.8	220.5	227.7	236.7	251.1	274.2	299.8
12.5°	186.1	194.7	201.8	208.1	214.6	221.2	228.8	238.9	255.9	280.9	308.8
10°	187.4	195.4	202.4	208.5	215.2	221.7	229.7	240.3	259.4	284.6	314.1
7.5°	188.1	195.9	202.8	208.8	215.6	221.8	230.4	241.1	261.5	286.7	317.0
5°	188.5	196.3	203.3	209.1	216.0	222.1	231.0	241.2	262.4	287.0	318.1
2.5°	188.7	196.6	203.6	209.4	216.4	222.9	232.1	242.4	263.2	288.4	318.8
0°	188.5	196.7	203.7	209.5	216.5	223.5	232.8	243.2	263.0	289.8	318.9
-2.5°	188.7	196.6	203.6	209.4	216.4	222.9	232.1	242.4	263.2	288.4	318.8
-5°	188.5	196.3	203.3	209.1	216.0	222.1	231.0	241.2	262.4	287.0	318.1
-7.5°	188.1	195.9	202.8	208.8	215.6	221.8	230.4	241.1	261.5	286.7	317.0
-10°	187.4	195.4	202.4	208.5	215.2	221.7	229.7	240.3	259.4	284.6	314.1
-12.5°	186.1	194.7	201.8	208.1	214.6	221.2	228.8	238.9	255.9	280.9	308.8
-15°	184.6	193.8	201.0	207.6	213.8	220.5	227.7	236.7	251.1	274.2	299.8
-17.5°	182.9	192.7	199.9	206.8	212.7	219.5	226.3	234.2	246.5	267.0	290.8
-20°	181.0	191.3	198.6	205.9	211.5	218.1	224.7	232.3	243.1	259.6	280.8



REPORT NUMBER: P558744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	178.9	189.7	197.0	204.4	210.3	216.5	222.9	229.9	239.0	251.6	270.0
-25°	176.2	187.1	195.1	202.4	208.8	214.6	220.9	227.2	235.2	245.6	259.7
-27.5°	172.9	184.3	192.9	200.1	207.0	212.6	218.7	224.8	231.2	239.1	249.9
-30°	169.3	181.2	190.5	197.6	204.5	210.5	216.3	221.7	227.2	233.9	242.4
-32.5°	165.4	177.7	187.1	194.7	201.6	208.0	213.4	218.4	223.4	229.0	235.5
-35°	160.9	173.1	183.3	191.6	198.5	204.8	210.2	215.1	219.5	224.5	229.7
-37.5°	155.5	168.2	179.2	187.7	194.8	201.2	206.9	211.7	216.0	219.7	224.2
-40°	149.9	163.0	173.9	183.0	190.7	197.1	202.8	208.0	212.4	215.8	219.2
-42.5°	144.0	156.7	168.0	178.1	185.6	192.3	198.5	203.7	208.2	211.6	214.7
-45°	137.0	150.2	161.7	171.5	180.0	186.9	193.0	199.0	203.4	207.3	210.2
-47.5°	129.7	143.1	154.4	164.7	173.4	180.7	187.0	192.8	198.1	202.1	205.8
-50°	121.9	134.8	146.9	156.9	166.0	173.8	180.3	186.3	191.6	196.2	200.0
-52.5°	113.2	126.3	138.0	148.5	157.7	165.9	172.9	179.2	184.6	189.6	193.8
-55°	104.2	116.8	128.5	139.0	148.5	156.9	164.8	171.1	177.0	181.8	186.9
-57.5°	95.1	106.8	118.2	128.8	138.2	147.0	154.7	162.3	168.2	173.4	178.6
-60°	85.7	96.6	107.2	117.5	127.3	135.7	143.9	151.1	157.8	164.3	169.1
-62.5°	76.3	86.3	96.0	105.4	114.7	123.9	131.9	139.1	145.8	151.7	157.3
-65°	67.0	75.9	84.8	93.4	101.6	110.0	118.3	126.3	132.8	138.2	143.5
-67.5°	57.6	65.5	73.5	81.4	88.9	96.1	103.5	110.7	117.6	123.5	128.8
-70°	48.3	55.0	61.9	69.0	75.8	82.1	88.4	94.7	100.9	106.4	111.4
-72.5°	39.1	45.0	50.7	56.3	62.2	67.9	73.3	78.3	83.3	88.3	93.0
-75°	31.4	35.0	39.8	44.7	49.2	53.8	58.4	62.9	66.8	70.5	74.2
-77.5°	24.8	27.4	30.3	33.5	36.5	39.9	43.5	47.0	50.3	53.1	55.6
-80°	18.4	19.7	21.6	23.7	25.8	27.9	29.9	31.8	33.9	36.2	38.5
-82.5°	12.8	13.9	14.9	15.7	16.5	17.3	18.2	19.6	21.3	23.0	24.6
-85°	7.5	8.1	8.9	9.6	10.3	10.9	11.5	12.0	12.7	13.4	14.1
-87.5°	3.7	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	6.4
-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: P558744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	6.6	6.6	6.5	6.5	6.3	6.5	6.6	6.7	6.8	6.8	6.9
85°	14.8	15.4	16.1	16.7	17.4	17.8	18.3	18.6	18.9	19.2	19.4
82.5°	26.0	27.3	28.6	29.6	30.6	31.4	32.2	32.8	33.3	33.8	34.2
80°	40.6	42.6	44.6	46.3	48.0	49.3	50.4	51.3	52.0	52.8	53.5
77.5°	58.1	60.9	63.6	66.0	68.1	69.9	71.5	72.9	74.0	75.4	76.7
75°	77.8	81.2	84.2	87.1	89.6	92.0	94.0	95.8	97.4	98.9	100.2
72.5°	97.5	101.5	105.1	108.2	110.9	113.6	116.2	118.6	120.8	122.5	123.7
70°	116.1	120.3	124.1	127.5	130.7	134.0	137.4	140.5	143.3	145.2	146.2
67.5°	133.1	137.4	141.7	146.0	149.8	153.2	156.6	159.7	162.5	164.4	165.5
65°	148.5	153.2	157.9	162.3	166.3	169.2	172.3	175.2	178.0	180.2	181.8
62.5°	162.9	167.5	171.5	175.2	178.6	181.6	184.6	187.3	189.6	191.7	193.7
60°	173.9	178.6	182.4	185.9	189.1	192.0	194.4	196.4	198.0	199.3	200.5
57.5°	183.3	187.8	191.7	194.5	197.4	200.2	202.2	203.4	204.4	205.2	205.7
55°	191.4	195.1	198.3	201.4	204.2	206.7	208.4	209.3	209.8	210.1	210.4
52.5°	198.0	201.5	204.8	207.8	210.0	212.0	213.8	214.3	214.6	214.7	214.7
50°	203.9	207.4	210.0	212.5	214.8	216.6	218.2	218.9	219.3	219.4	219.1
47.5°	208.7	211.7	214.6	217.2	219.5	221.6	223.3	224.3	225.1	225.4	225.3
45°	212.9	216.4	219.5	222.6	225.2	228.0	230.4	232.0	233.7	234.8	235.3
42.5°	218.0	221.5	224.9	229.0	232.9	236.5	240.5	244.0	247.6	251.4	254.0
40°	223.1	226.8	232.1	237.1	242.7	247.8	256.1	264.4	270.8	276.1	281.0
37.5°	228.9	234.4	240.7	247.2	256.3	265.8	276.3	286.6	295.6	303.7	310.2
35°	235.5	242.9	250.7	262.2	273.8	285.6	298.1	311.9	323.5	332.0	338.0
32.5°	243.7	253.0	265.4	280.1	294.5	309.7	324.9	340.1	351.6	363.4	375.3
30°	252.8	266.1	282.2	300.1	318.0	336.2	355.2	376.4	396.6	418.2	449.2
27.5°	264.3	280.6	299.6	320.7	342.3	363.9	397.1	433.5	487.4	530.6	603.8
25°	276.6	295.8	318.3	342.8	369.1	407.9	468.7	540.5	667.7	766.4	916.0
22.5°	290.4	312.9	337.8	365.9	408.4	481.6	585.6	769.9	1026.4	1279.7	1561.5
20°	304.0	328.8	356.1	398.7	470.9	586.7	811.7	1210.3	1655.4	2289.2	2821.2
17.5°	316.8	343.2	377.9	435.4	543.5	776.4	1212.2	1894.9	2824.6	3846.3	4698.3
15°	328.1	355.1	401.8	492.9	675.6	1038.2	1696.2	2858.2	4420.4	5819.2	7066.9
12.5°	337.6	369.6	427.7	539.3	790.2	1327.0	2382.6	4032.5	5940.1	7901.9	9480.9
10°	344.5	385.0	462.2	625.2	972.4	1670.8	2954.6	5035.8	7332.7	9717.1	12571.5
7.5°	348.8	396.1	488.5	689.0	1134.9	2053.5	3672.1	5931.6	8569.3	11824.3	16185.3
5°	351.8	403.5	507.9	737.0	1243.4	2306.4	4125.2	6610.3	9636.3	14342.7	23318.0
2.5°	353.2	406.8	518.9	763.3	1292.9	2436.5	4444.0	6999.0	10285.4	16119.4	28259.1
0°	352.6	405.0	520.2	769.3	1300.0	2536.0	4497.1	7109.9	10504.8	16278.6	29843.2
-2.5°	353.2	406.8	518.9	763.3	1292.9	2436.5	4444.0	6999.0	10285.4	16119.4	28259.1
-5°	351.8	403.5	507.9	737.0	1243.4	2306.4	4125.2	6610.3	9636.3	14342.7	23318.0
-7.5°	348.8	396.1	488.5	689.0	1134.9	2053.5	3672.1	5931.6	8569.3	11824.3	16185.3
-10°	344.5	385.0	462.2	625.2	972.4	1670.8	2954.6	5035.8	7332.7	9717.1	12571.5
-12.5°	337.6	369.6	427.7	539.3	790.2	1327.0	2382.6	4032.5	5940.1	7901.9	9480.9
-15°	328.1	355.1	401.8	492.9	675.6	1038.2	1696.2	2858.2	4420.4	5819.2	7066.9
-17.5°	316.8	343.2	377.9	435.4	543.5	776.4	1212.2	1894.9	2824.6	3846.3	4698.3
-20°	304.0	328.8	356.1	398.7	470.9	586.7	811.7	1210.3	1655.4	2289.2	2821.2



REPORT NUMBER: P558744 (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°	290.4	312.9	337.8	365.9	408.4	481.6	585.6	769.9	1026.4	1279.7	1561.5
-25°	276.6	295.8	318.3	342.8	369.1	407.9	468.7	540.5	667.7	766.4	916.0
-27.5°	264.3	280.6	299.6	320.7	342.3	363.9	397.1	433.5	487.4	530.6	603.8
-30°	252.8	266.1	282.2	300.1	318.0	336.2	355.2	376.4	396.6	418.2	449.2
-32.5°	243.7	253.0	265.4	280.1	294.5	309.7	324.9	340.1	351.6	363.4	375.3
-35°	235.5	242.9	250.7	262.2	273.8	285.6	298.1	311.9	323.5	332.0	338.0
-37.5°	228.9	234.4	240.7	247.2	256.3	265.8	276.3	286.6	295.6	303.7	310.2
-40°	223.1	226.8	232.1	237.1	242.7	247.8	256.1	264.4	270.8	276.1	281.0
-42.5°	218.0	221.5	224.9	229.0	232.9	236.5	240.5	244.0	247.6	251.4	254.0
-45°	212.9	216.4	219.5	222.6	225.2	228.0	230.4	232.0	233.7	234.8	235.3
-47.5°	208.7	211.7	214.6	217.2	219.5	221.6	223.3	224.3	225.1	225.4	225.3
-50°	203.9	207.4	210.0	212.5	214.8	216.6	218.2	218.9	219.3	219.4	219.1
-52.5°	198.0	201.5	204.8	207.8	210.0	212.0	213.8	214.3	214.6	214.7	214.7
-55°	191.4	195.1	198.3	201.4	204.2	206.7	208.4	209.3	209.8	210.1	210.4
-57.5°	183.3	187.8	191.7	194.5	197.4	200.2	202.2	203.4	204.4	205.2	205.7
-60°	173.9	178.6	182.4	185.9	189.1	192.0	194.4	196.4	198.0	199.3	200.5
-62.5°	162.9	167.5	171.5	175.2	178.6	181.6	184.6	187.3	189.6	191.7	193.7
-65°	148.5	153.2	157.9	162.3	166.3	169.2	172.3	175.2	178.0	180.2	181.8
-67.5°	133.1	137.4	141.7	146.0	149.8	153.2	156.6	159.7	162.5	164.4	165.5
-70°	116.1	120.3	124.1	127.5	130.7	134.0	137.4	140.5	143.3	145.2	146.2
-72.5°	97.5	101.5	105.1	108.2	110.9	113.6	116.2	118.6	120.8	122.5	123.7
-75°	77.8	81.2	84.2	87.1	89.6	92.0	94.0	95.8	97.4	98.9	100.2
-77.5°	58.1	60.9	63.6	66.0	68.1	69.9	71.5	72.9	74.0	75.4	76.7
-80°	40.6	42.6	44.6	46.3	48.0	49.3	50.4	51.3	52.0	52.8	53.5
-82.5°	26.0	27.3	28.6	29.6	30.6	31.4	32.2	32.8	33.3	33.8	34.2
-85°	14.8	15.4	16.1	16.7	17.4	17.8	18.3	18.6	18.9	19.2	19.4
-87.5°	6.6	6.6	6.5	6.5	6.3	6.5	6.6	6.7	6.8	6.8	6.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-TS-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°	6.9	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7
85°	19.6	19.7	19.8	19.8	19.8	19.7	19.6	19.4	19.2	18.9	18.6
82.5°	34.5	34.7	34.9	34.9	34.9	34.7	34.5	34.2	33.8	33.3	32.8
80°	54.0	54.4	54.6	54.7	54.6	54.4	54.0	53.5	52.8	52.0	51.3
77.5°	77.8	78.6	79.0	79.1	79.0	78.6	77.8	76.7	75.4	74.0	72.9
75°	101.2	101.9	102.3	102.4	102.3	101.9	101.2	100.2	98.9	97.4	95.8
72.5°	124.6	125.1	126.1	126.9	126.1	125.1	124.6	123.7	122.5	120.8	118.6
70°	146.9	147.2	148.2	149.0	148.2	147.2	146.9	146.2	145.2	143.3	140.5
67.5°	166.4	166.9	166.9	166.4	166.9	166.9	166.4	165.5	164.4	162.5	159.7
65°	183.2	184.3	184.4	183.9	184.4	184.3	183.2	181.8	180.2	178.0	175.2
62.5°	195.5	197.1	197.7	197.9	197.7	197.1	195.5	193.7	191.7	189.6	187.3
60°	201.4	202.2	202.4	202.5	202.4	202.2	201.4	200.5	199.3	198.0	196.4
57.5°	205.9	205.9	206.0	206.0	206.0	205.9	205.9	205.7	205.2	204.4	203.4
55°	210.5	210.5	210.2	209.5	210.2	210.5	210.5	210.4	210.1	209.8	209.3
52.5°	214.6	214.2	213.6	213.0	213.6	214.2	214.6	214.7	214.7	214.6	214.3
50°	218.6	217.9	217.5	217.6	217.5	217.9	218.6	219.1	219.4	219.3	218.9
47.5°	225.1	224.7	224.5	224.6	224.5	224.7	225.1	225.3	225.4	225.1	224.3
45°	235.5	235.1	234.9	235.1	234.9	235.1	235.5	235.3	234.8	233.7	232.0
42.5°	255.5	255.6	255.5	256.0	255.5	255.6	255.5	254.0	251.4	247.6	244.0
40°	282.9	282.8	281.8	281.6	281.8	282.8	282.9	281.0	276.1	270.8	264.4
37.5°	312.9	313.0	312.0	311.9	312.0	313.0	312.9	310.2	303.7	295.6	286.6
35°	341.2	342.3	342.1	341.0	342.1	342.3	341.2	338.0	332.0	323.5	311.9
32.5°	383.7	390.2	393.7	392.2	393.7	390.2	383.7	375.3	363.4	351.6	340.1
30°	468.7	485.4	494.2	498.1	494.2	485.4	468.7	449.2	418.2	396.6	376.4
27.5°	656.2	693.2	709.8	715.8	709.8	693.2	656.2	603.8	530.6	487.4	433.5
25°	1046.8	1130.3	1171.5	1184.8	1171.5	1130.3	1046.8	916.0	766.4	667.7	540.5
22.5°	1871.7	2032.6	2142.7	2167.1	2142.7	2032.6	1871.7	1561.5	1279.7	1026.4	769.9
20°	3356.0	3667.2	3836.0	3820.9	3836.0	3667.2	3356.0	2821.2	2289.2	1655.4	1210.3
17.5°	5422.5	5821.6	6011.6	5922.8	6011.6	5821.6	5422.5	4698.3	3846.3	2824.6	1894.9
15°	7949.2	8488.4	8723.6	8796.3	8723.6	8488.4	7949.2	7066.9	5819.2	4420.4	2858.2
12.5°	11057.0	12824.5	13669.8	13896.2	13669.8	12824.5	11057.0	9480.9	7901.9	5940.1	4032.5
10°	15491.0	21432.3	24966.2	25829.1	24966.2	21432.3	15491.0	12571.5	9717.1	7332.7	5035.8
7.5°	25298.1	37371.2	50895.9	57300.5	50895.9	37371.2	25298.1	16185.3	11824.3	8569.3	5931.6
5°	38579.5	66957.9	98271.7	110547.3	98271.7	66957.9	38579.5	23318.0	14342.7	9636.3	6610.3
2.5°	54725.4	101101.3	144369.3	160498.7	144369.3	101101.3	54725.4	28259.1	16119.4	10285.4	6999.0
0°	61546.7	116558.5	159063.7	172880.2	159063.7	116558.5	61546.7	29843.2	16278.6	10504.8	7109.9
-2.5°	54725.4	101101.3	144369.3	160498.7	144369.3	101101.3	54725.4	28259.1	16119.4	10285.4	6999.0
-5°	38579.5	66957.9	98271.7	110547.3	98271.7	66957.9	38579.5	23318.0	14342.7	9636.3	6610.3
-7.5°	25298.1	37371.2	50895.9	57300.5	50895.9	37371.2	25298.1	16185.3	11824.3	8569.3	5931.6
-10°	15491.0	21432.3	24966.2	25829.1	24966.2	21432.3	15491.0	12571.5	9717.1	7332.7	5035.8
-12.5°	11057.0	12824.5	13669.8	13896.2	13669.8	12824.5	11057.0	9480.9	7901.9	5940.1	4032.5
-15°	7949.2	8488.4	8723.6	8796.3	8723.6	8488.4	7949.2	7066.9	5819.2	4420.4	2858.2
-17.5°	5422.5	5821.6	6011.6	5922.8	6011.6	5821.6	5422.5	4698.3	3846.3	2824.6	1894.9
-20°	3356.0	3667.2	3836.0	3820.9	3836.0	3667.2	3356.0	2821.2	2289.2	1655.4	1210.3



REPORT NUMBER: P558744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	1871.7	2032.6	2142.7	2167.1	2142.7	2032.6	1871.7	1561.5	1279.7	1026.4	769.9
-25°	1046.8	1130.3	1171.5	1184.8	1171.5	1130.3	1046.8	916.0	766.4	667.7	540.5
-27.5°	656.2	693.2	709.8	715.8	709.8	693.2	656.2	603.8	530.6	487.4	433.5
-30°	468.7	485.4	494.2	498.1	494.2	485.4	468.7	449.2	418.2	396.6	376.4
-32.5°	383.7	390.2	393.7	392.2	393.7	390.2	383.7	375.3	363.4	351.6	340.1
-35°	341.2	342.3	342.1	341.0	342.1	342.3	341.2	338.0	332.0	323.5	311.9
-37.5°	312.9	313.0	312.0	311.9	312.0	313.0	312.9	310.2	303.7	295.6	286.6
-40°	282.9	282.8	281.8	281.6	281.8	282.8	282.9	281.0	276.1	270.8	264.4
-42.5°	255.5	255.6	255.5	256.0	255.5	255.6	255.5	254.0	251.4	247.6	244.0
-45°	235.5	235.1	234.9	235.1	234.9	235.1	235.5	235.3	234.8	233.7	232.0
-47.5°	225.1	224.7	224.5	224.6	224.5	224.7	225.1	225.3	225.4	225.1	224.3
-50°	218.6	217.9	217.5	217.6	217.5	217.9	218.6	219.1	219.4	219.3	218.9
-52.5°	214.6	214.2	213.6	213.0	213.6	214.2	214.6	214.7	214.7	214.6	214.3
-55°	210.5	210.5	210.2	209.5	210.2	210.5	210.5	210.4	210.1	209.8	209.3
-57.5°	205.9	205.9	206.0	206.0	206.0	205.9	205.9	205.7	205.2	204.4	203.4
-60°	201.4	202.2	202.4	202.5	202.4	202.2	201.4	200.5	199.3	198.0	196.4
-62.5°	195.5	197.1	197.7	197.9	197.7	197.1	195.5	193.7	191.7	189.6	187.3
-65°	183.2	184.3	184.4	183.9	184.4	184.3	183.2	181.8	180.2	178.0	175.2
-67.5°	166.4	166.9	166.9	166.4	166.9	166.9	166.4	165.5	164.4	162.5	159.7
-70°	146.9	147.2	148.2	149.0	148.2	147.2	146.9	146.2	145.2	143.3	140.5
-72.5°	124.6	125.1	126.1	126.9	126.1	125.1	124.6	123.7	122.5	120.8	118.6
-75°	101.2	101.9	102.3	102.4	102.3	101.9	101.2	100.2	98.9	97.4	95.8
-77.5°	77.8	78.6	79.0	79.1	79.0	78.6	77.8	76.7	75.4	74.0	72.9
-80°	54.0	54.4	54.6	54.7	54.6	54.4	54.0	53.5	52.8	52.0	51.3
-82.5°	34.5	34.7	34.9	34.9	34.9	34.7	34.5	34.2	33.8	33.3	32.8
-85°	19.6	19.7	19.8	19.8	19.8	19.7	19.6	19.4	19.2	18.9	18.6
-87.5°	6.9	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7
-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: P558744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	6.6	6.5	6.3	6.5	6.5	6.6	6.6	6.4	6.2	6.0	5.7
85°	18.3	17.8	17.4	16.7	16.1	15.4	14.8	14.1	13.4	12.7	12.0
82.5°	32.2	31.4	30.6	29.6	28.6	27.3	26.0	24.6	23.0	21.3	19.6
80°	50.4	49.3	48.0	46.3	44.6	42.6	40.6	38.5	36.2	33.9	31.8
77.5°	71.5	69.9	68.1	66.0	63.6	60.9	58.1	55.6	53.1	50.3	47.0
75°	94.0	92.0	89.6	87.1	84.2	81.2	77.8	74.2	70.5	66.8	62.9
72.5°	116.2	113.6	110.9	108.2	105.1	101.5	97.5	93.0	88.3	83.3	78.3
70°	137.4	134.0	130.7	127.5	124.1	120.3	116.1	111.4	106.4	100.9	94.7
67.5°	156.6	153.2	149.8	146.0	141.7	137.4	133.1	128.8	123.5	117.6	110.7
65°	172.3	169.2	166.3	162.3	157.9	153.2	148.5	143.5	138.2	132.8	126.3
62.5°	184.6	181.6	178.6	175.2	171.5	167.5	162.9	157.3	151.7	145.8	139.1
60°	194.4	192.0	189.1	185.9	182.4	178.6	173.9	169.1	164.3	157.8	151.1
57.5°	202.2	200.2	197.4	194.5	191.7	187.8	183.3	178.6	173.4	168.2	162.3
55°	208.4	206.7	204.2	201.4	198.3	195.1	191.4	186.9	181.8	177.0	171.1
52.5°	213.8	212.0	210.0	207.8	204.8	201.5	198.0	193.8	189.6	184.6	179.2
50°	218.2	216.6	214.8	212.5	210.0	207.4	203.9	200.0	196.2	191.6	186.3
47.5°	223.3	221.6	219.5	217.2	214.6	211.7	208.7	205.8	202.1	198.1	192.8
45°	230.4	228.0	225.2	222.6	219.5	216.4	212.9	210.2	207.3	203.4	199.0
42.5°	240.5	236.5	232.9	229.0	224.9	221.5	218.0	214.7	211.6	208.2	203.7
40°	256.1	247.8	242.7	237.1	232.1	226.8	223.1	219.2	215.8	212.4	208.0
37.5°	276.3	265.8	256.3	247.2	240.7	234.4	228.9	224.2	219.7	216.0	211.7
35°	298.1	285.6	273.8	262.2	250.7	242.9	235.5	229.7	224.5	219.5	215.1
32.5°	324.9	309.7	294.5	280.1	265.4	253.0	243.7	235.5	229.0	223.4	218.4
30°	355.2	336.2	318.0	300.1	282.2	266.1	252.8	242.4	233.9	227.2	221.7
27.5°	397.1	363.9	342.3	320.7	299.6	280.6	264.3	249.9	239.1	231.2	224.8
25°	468.7	407.9	369.1	342.8	318.3	295.8	276.6	259.7	245.6	235.2	227.2
22.5°	585.6	481.6	408.4	365.9	337.8	312.9	290.4	270.0	251.6	239.0	229.9
20°	811.7	586.7	470.9	398.7	356.1	328.8	304.0	280.8	259.6	243.1	232.3
17.5°	1212.2	776.4	543.5	435.4	377.9	343.2	316.8	290.8	267.0	246.5	234.2
15°	1696.2	1038.2	675.6	492.9	401.8	355.1	328.1	299.8	274.2	251.1	236.7
12.5°	2382.6	1327.0	790.2	539.3	427.7	369.6	337.6	308.8	280.9	255.9	238.9
10°	2954.6	1670.8	972.4	625.2	462.2	385.0	344.5	314.1	284.6	259.4	240.3
7.5°	3672.1	2053.5	1134.9	689.0	488.5	396.1	348.8	317.0	286.7	261.5	241.1
5°	4125.2	2306.4	1243.4	737.0	507.9	403.5	351.8	318.1	287.0	262.4	241.2
2.5°	4444.0	2436.5	1292.9	763.3	518.9	406.8	353.2	318.8	288.4	263.2	242.4
0°	4497.1	2536.0	1300.0	769.3	520.2	405.0	352.6	318.9	289.8	263.0	243.2
-2.5°	4444.0	2436.5	1292.9	763.3	518.9	406.8	353.2	318.8	288.4	263.2	242.4
-5°	4125.2	2306.4	1243.4	737.0	507.9	403.5	351.8	318.1	287.0	262.4	241.2
-7.5°	3672.1	2053.5	1134.9	689.0	488.5	396.1	348.8	317.0	286.7	261.5	241.1
-10°	2954.6	1670.8	972.4	625.2	462.2	385.0	344.5	314.1	284.6	259.4	240.3
-12.5°	2382.6	1327.0	790.2	539.3	427.7	369.6	337.6	308.8	280.9	255.9	238.9
-15°	1696.2	1038.2	675.6	492.9	401.8	355.1	328.1	299.8	274.2	251.1	236.7
-17.5°	1212.2	776.4	543.5	435.4	377.9	343.2	316.8	290.8	267.0	246.5	234.2
-20°	811.7	586.7	470.9	398.7	356.1	328.8	304.0	280.8	259.6	243.1	232.3



REPORT NUMBER: P558744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	585.6	481.6	408.4	365.9	337.8	312.9	290.4	270.0	251.6	239.0	229.9
-25°	468.7	407.9	369.1	342.8	318.3	295.8	276.6	259.7	245.6	235.2	227.2
-27.5°	397.1	363.9	342.3	320.7	299.6	280.6	264.3	249.9	239.1	231.2	224.8
-30°	355.2	336.2	318.0	300.1	282.2	266.1	252.8	242.4	233.9	227.2	221.7
-32.5°	324.9	309.7	294.5	280.1	265.4	253.0	243.7	235.5	229.0	223.4	218.4
-35°	298.1	285.6	273.8	262.2	250.7	242.9	235.5	229.7	224.5	219.5	215.1
-37.5°	276.3	265.8	256.3	247.2	240.7	234.4	228.9	224.2	219.7	216.0	211.7
-40°	256.1	247.8	242.7	237.1	232.1	226.8	223.1	219.2	215.8	212.4	208.0
-42.5°	240.5	236.5	232.9	229.0	224.9	221.5	218.0	214.7	211.6	208.2	203.7
-45°	230.4	228.0	225.2	222.6	219.5	216.4	212.9	210.2	207.3	203.4	199.0
-47.5°	223.3	221.6	219.5	217.2	214.6	211.7	208.7	205.8	202.1	198.1	192.8
-50°	218.2	216.6	214.8	212.5	210.0	207.4	203.9	200.0	196.2	191.6	186.3
-52.5°	213.8	212.0	210.0	207.8	204.8	201.5	198.0	193.8	189.6	184.6	179.2
-55°	208.4	206.7	204.2	201.4	198.3	195.1	191.4	186.9	181.8	177.0	171.1
-57.5°	202.2	200.2	197.4	194.5	191.7	187.8	183.3	178.6	173.4	168.2	162.3
-60°	194.4	192.0	189.1	185.9	182.4	178.6	173.9	169.1	164.3	157.8	151.1
-62.5°	184.6	181.6	178.6	175.2	171.5	167.5	162.9	157.3	151.7	145.8	139.1
-65°	172.3	169.2	166.3	162.3	157.9	153.2	148.5	143.5	138.2	132.8	126.3
-67.5°	156.6	153.2	149.8	146.0	141.7	137.4	133.1	128.8	123.5	117.6	110.7
-70°	137.4	134.0	130.7	127.5	124.1	120.3	116.1	111.4	106.4	100.9	94.7
-72.5°	116.2	113.6	110.9	108.2	105.1	101.5	97.5	93.0	88.3	83.3	78.3
-75°	94.0	92.0	89.6	87.1	84.2	81.2	77.8	74.2	70.5	66.8	62.9
-77.5°	71.5	69.9	68.1	66.0	63.6	60.9	58.1	55.6	53.1	50.3	47.0
-80°	50.4	49.3	48.0	46.3	44.6	42.6	40.6	38.5	36.2	33.9	31.8
-82.5°	32.2	31.4	30.6	29.6	28.6	27.3	26.0	24.6	23.0	21.3	19.6
-85°	18.3	17.8	17.4	16.7	16.1	15.4	14.8	14.1	13.4	12.7	12.0
-87.5°	6.6	6.5	6.3	6.5	6.5	6.6	6.6	6.4	6.2	6.0	5.7
-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: P558744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-TS-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°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.1	2.8	2.4
85°	11.5	10.9	10.3	9.6	8.9	8.1	7.5	6.8	6.2	5.5	4.9
82.5°	18.2	17.3	16.5	15.7	14.9	13.9	12.8	11.5	9.9	8.4	7.3
80°	29.9	27.9	25.8	23.7	21.6	19.7	18.4	16.8	14.6	12.5	10.5
77.5°	43.5	39.9	36.5	33.5	30.3	27.4	24.8	22.2	19.3	16.6	14.0
75°	58.4	53.8	49.2	44.7	39.8	35.0	31.4	28.0	24.5	20.7	17.5
72.5°	73.3	67.9	62.2	56.3	50.7	45.0	39.1	33.8	29.8	25.5	21.1
70°	88.4	82.1	75.8	69.0	61.9	55.0	48.3	41.6	35.1	30.3	25.4
67.5°	103.5	96.1	88.9	81.4	73.5	65.5	57.6	49.8	42.3	35.1	29.6
65°	118.3	110.0	101.6	93.4	84.8	75.9	67.0	57.9	49.3	41.2	33.7
62.5°	131.9	123.9	114.7	105.4	96.0	86.3	76.3	66.4	56.3	47.1	38.5
60°	143.9	135.7	127.3	117.5	107.2	96.6	85.7	74.6	63.8	52.9	43.5
57.5°	154.7	147.0	138.2	128.8	118.2	106.8	95.1	83.0	71.0	59.2	48.3
55°	164.8	156.9	148.5	139.0	128.5	116.8	104.2	91.3	78.2	65.5	53.0
52.5°	172.9	165.9	157.7	148.5	138.0	126.3	113.2	99.3	85.4	71.6	58.3
50°	180.3	173.8	166.0	156.9	146.9	134.8	121.9	107.3	92.4	77.6	63.5
47.5°	187.0	180.7	173.4	164.7	154.4	143.1	129.7	115.1	99.2	83.6	68.6
45°	193.0	186.9	180.0	171.5	161.7	150.2	137.0	122.7	106.0	89.5	73.4
42.5°	198.5	192.3	185.6	178.1	168.0	156.7	144.0	129.2	112.6	95.1	78.2
40°	202.8	197.1	190.7	183.0	173.9	163.0	149.9	135.2	118.9	100.5	82.8
37.5°	206.9	201.2	194.8	187.7	179.2	168.2	155.5	141.0	124.7	105.8	87.3
35°	210.2	204.8	198.5	191.6	183.3	173.1	160.9	146.2	129.4	110.8	91.5
32.5°	213.4	208.0	201.6	194.7	187.1	177.7	165.4	150.6	133.9	115.4	95.4
30°	216.3	210.5	204.5	197.6	190.5	181.2	169.3	154.8	138.1	119.7	99.1
27.5°	218.7	212.6	207.0	200.1	192.9	184.3	172.9	158.6	142.0	123.4	102.6
25°	220.9	214.6	208.8	202.4	195.1	187.1	176.2	162.1	145.3	126.6	105.8
22.5°	222.9	216.5	210.3	204.4	197.0	189.7	178.9	164.8	148.2	129.4	108.6
20°	224.7	218.1	211.5	205.9	198.6	191.3	181.0	167.2	150.7	132.0	111.1
17.5°	226.3	219.5	212.7	206.8	199.9	192.7	182.9	169.4	152.9	134.2	113.3
15°	227.7	220.5	213.8	207.6	201.0	193.8	184.6	171.3	154.9	136.1	115.2
12.5°	228.8	221.2	214.6	208.1	201.8	194.7	186.1	172.9	156.5	137.7	116.8
10°	229.7	221.7	215.2	208.5	202.4	195.4	187.4	174.2	157.7	139.0	118.1
7.5°	230.4	221.8	215.6	208.8	202.8	195.9	188.1	175.0	158.6	140.0	119.0
5°	231.0	222.1	216.0	209.1	203.3	196.3	188.5	175.6	159.2	140.6	119.6
2.5°	232.1	222.9	216.4	209.4	203.6	196.6	188.7	175.8	159.5	140.9	119.9
0°	232.8	223.5	216.5	209.5	203.7	196.7	188.5	175.7	159.4	140.8	119.9
-2.5°	232.1	222.9	216.4	209.4	203.6	196.6	188.7	175.8	159.5	140.9	119.9
-5°	231.0	222.1	216.0	209.1	203.3	196.3	188.5	175.6	159.2	140.6	119.6
-7.5°	230.4	221.8	215.6	208.8	202.8	195.9	188.1	175.0	158.6	140.0	119.0
-10°	229.7	221.7	215.2	208.5	202.4	195.4	187.4	174.2	157.7	139.0	118.1
-12.5°	228.8	221.2	214.6	208.1	201.8	194.7	186.1	172.9	156.5	137.7	116.8
-15°	227.7	220.5	213.8	207.6	201.0	193.8	184.6	171.3	154.9	136.1	115.2
-17.5°	226.3	219.5	212.7	206.8	199.9	192.7	182.9	169.4	152.9	134.2	113.3
-20°	224.7	218.1	211.5	205.9	198.6	191.3	181.0	167.2	150.7	132.0	111.1



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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°	222.9	216.5	210.3	204.4	197.0	189.7	178.9	164.8	148.2	129.4	108.6
-25°	220.9	214.6	208.8	202.4	195.1	187.1	176.2	162.1	145.3	126.6	105.8
-27.5°	218.7	212.6	207.0	200.1	192.9	184.3	172.9	158.6	142.0	123.4	102.6
-30°	216.3	210.5	204.5	197.6	190.5	181.2	169.3	154.8	138.1	119.7	99.1
-32.5°	213.4	208.0	201.6	194.7	187.1	177.7	165.4	150.6	133.9	115.4	95.4
-35°	210.2	204.8	198.5	191.6	183.3	173.1	160.9	146.2	129.4	110.8	91.5
-37.5°	206.9	201.2	194.8	187.7	179.2	168.2	155.5	141.0	124.7	105.8	87.3
-40°	202.8	197.1	190.7	183.0	173.9	163.0	149.9	135.2	118.9	100.5	82.8
-42.5°	198.5	192.3	185.6	178.1	168.0	156.7	144.0	129.2	112.6	95.1	78.2
-45°	193.0	186.9	180.0	171.5	161.7	150.2	137.0	122.7	106.0	89.5	73.4
-47.5°	187.0	180.7	173.4	164.7	154.4	143.1	129.7	115.1	99.2	83.6	68.6
-50°	180.3	173.8	166.0	156.9	146.9	134.8	121.9	107.3	92.4	77.6	63.5
-52.5°	172.9	165.9	157.7	148.5	138.0	126.3	113.2	99.3	85.4	71.6	58.3
-55°	164.8	156.9	148.5	139.0	128.5	116.8	104.2	91.3	78.2	65.5	53.0
-57.5°	154.7	147.0	138.2	128.8	118.2	106.8	95.1	83.0	71.0	59.2	48.3
-60°	143.9	135.7	127.3	117.5	107.2	96.6	85.7	74.6	63.8	52.9	43.5
-62.5°	131.9	123.9	114.7	105.4	96.0	86.3	76.3	66.4	56.3	47.1	38.5
-65°	118.3	110.0	101.6	93.4	84.8	75.9	67.0	57.9	49.3	41.2	33.7
-67.5°	103.5	96.1	88.9	81.4	73.5	65.5	57.6	49.8	42.3	35.1	29.6
-70°	88.4	82.1	75.8	69.0	61.9	55.0	48.3	41.6	35.1	30.3	25.4
-72.5°	73.3	67.9	62.2	56.3	50.7	45.0	39.1	33.8	29.8	25.5	21.1
-75°	58.4	53.8	49.2	44.7	39.8	35.0	31.4	28.0	24.5	20.7	17.5
-77.5°	43.5	39.9	36.5	33.5	30.3	27.4	24.8	22.2	19.3	16.6	14.0
-80°	29.9	27.9	25.8	23.7	21.6	19.7	18.4	16.8	14.6	12.5	10.5
-82.5°	18.2	17.3	16.5	15.7	14.9	13.9	12.8	11.5	9.9	8.4	7.3
-85°	11.5	10.9	10.3	9.6	8.9	8.1	7.5	6.8	6.2	5.5	4.9
-87.5°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.1	2.8	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):

	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°	2.1	1.8	1.5	1.2	0.8	0.4	0.0
85°	4.2	3.6	3.0	2.3	1.6	0.8	0.0
82.5°	6.3	5.4	4.5	3.5	2.4	1.2	0.0
80°	8.5	7.3	6.0	4.7	3.2	1.6	0.0
77.5°	11.5	9.3	7.5	5.8	4.0	2.0	0.0
75°	14.4	11.8	9.1	7.0	4.8	2.4	0.0
72.5°	17.4	14.2	11.1	8.1	5.6	2.8	0.0
70°	20.4	16.6	13.0	9.3	6.4	3.2	0.0
67.5°	24.0	19.0	14.9	10.8	7.1	3.6	0.0
65°	27.6	21.7	16.8	12.2	7.9	3.9	0.0
62.5°	31.1	24.5	18.6	13.5	8.6	4.3	0.0
60°	34.5	27.4	20.4	14.9	9.3	4.6	0.0
57.5°	38.6	30.1	22.6	16.2	10.2	5.0	0.0
55°	42.6	32.7	24.7	17.5	11.0	5.3	0.0
52.5°	46.5	35.4	26.7	18.7	11.8	5.7	0.0
50°	50.3	38.6	28.7	19.9	12.6	6.0	0.0
47.5°	54.1	41.7	30.5	21.2	13.4	6.3	0.0
45°	58.2	44.6	32.4	22.5	14.1	6.6	0.0
42.5°	62.1	47.4	34.1	23.8	14.8	6.9	0.0
40°	65.9	50.1	36.0	25.0	15.5	7.1	0.0
37.5°	69.4	52.7	38.0	26.2	16.1	7.4	0.0
35°	72.7	55.3	39.9	27.2	16.7	7.6	0.0
32.5°	75.9	57.9	41.8	28.2	17.3	7.8	0.0
30°	79.0	60.3	43.4	29.1	17.8	8.1	0.0
27.5°	81.9	62.5	45.0	29.9	18.3	8.2	0.0
25°	84.6	64.5	46.4	30.7	18.7	8.4	0.0
22.5°	87.0	66.4	47.7	31.3	19.1	8.6	0.0
20°	89.2	68.1	48.9	31.9	19.5	8.7	0.0
17.5°	91.2	69.6	49.9	32.4	19.8	8.9	0.0
15°	92.9	70.9	50.9	32.9	20.1	9.0	0.0
12.5°	94.4	72.0	51.7	33.2	20.3	9.1	0.0
10°	95.6	72.9	52.3	33.5	20.5	9.2	0.0
7.5°	96.6	73.6	52.8	33.7	20.7	9.2	0.0
5°	97.3	74.1	53.2	33.8	20.8	9.3	0.0
2.5°	97.7	74.4	53.4	33.8	20.9	9.3	0.0
0°	97.8	74.5	53.5	33.8	20.9	9.3	0.0
-2.5°	97.7	74.4	53.4	33.8	20.9	9.3	0.0
-5°	97.3	74.1	53.2	33.8	20.8	9.3	0.0
-7.5°	96.6	73.6	52.8	33.7	20.7	9.2	0.0
-10°	95.6	72.9	52.3	33.5	20.5	9.2	0.0
-12.5°	94.4	72.0	51.7	33.2	20.3	9.1	0.0
-15°	92.9	70.9	50.9	32.9	20.1	9.0	0.0
-17.5°	91.2	69.6	49.9	32.4	19.8	8.9	0.0
-20°	89.2	68.1	48.9	31.9	19.5	8.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	87.0	66.4	47.7	31.3	19.1	8.6	0.0
-25°	84.6	64.5	46.4	30.7	18.7	8.4	0.0
-27.5°	81.9	62.5	45.0	29.9	18.3	8.2	0.0
-30°	79.0	60.3	43.4	29.1	17.8	8.1	0.0
-32.5°	75.9	57.9	41.8	28.2	17.3	7.8	0.0
-35°	72.7	55.3	39.9	27.2	16.7	7.6	0.0
-37.5°	69.4	52.7	38.0	26.2	16.1	7.4	0.0
-40°	65.9	50.1	36.0	25.0	15.5	7.1	0.0
-42.5°	62.1	47.4	34.1	23.8	14.8	6.9	0.0
-45°	58.2	44.6	32.4	22.5	14.1	6.6	0.0
-47.5°	54.1	41.7	30.5	21.2	13.4	6.3	0.0
-50°	50.3	38.6	28.7	19.9	12.6	6.0	0.0
-52.5°	46.5	35.4	26.7	18.7	11.8	5.7	0.0
-55°	42.6	32.7	24.7	17.5	11.0	5.3	0.0
-57.5°	38.6	30.1	22.6	16.2	10.2	5.0	0.0
-60°	34.5	27.4	20.4	14.9	9.3	4.6	0.0
-62.5°	31.1	24.5	18.6	13.5	8.6	4.3	0.0
-65°	27.6	21.7	16.8	12.2	7.9	3.9	0.0
-67.5°	24.0	19.0	14.9	10.8	7.1	3.6	0.0
-70°	20.4	16.6	13.0	9.3	6.4	3.2	0.0
-72.5°	17.4	14.2	11.1	8.1	5.6	2.8	0.0
-75°	14.4	11.8	9.1	7.0	4.8	2.4	0.0
-77.5°	11.5	9.3	7.5	5.8	4.0	2.0	0.0
-80°	8.5	7.3	6.0	4.7	3.2	1.6	0.0
-82.5°	6.3	5.4	4.5	3.5	2.4	1.2	0.0
-85°	4.2	3.6	3.0	2.3	1.6	0.8	0.0
-87.5°	2.1	1.8	1.5	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)