

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: P558680 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558680 (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-SA2C-940-U-TS-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT N2
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

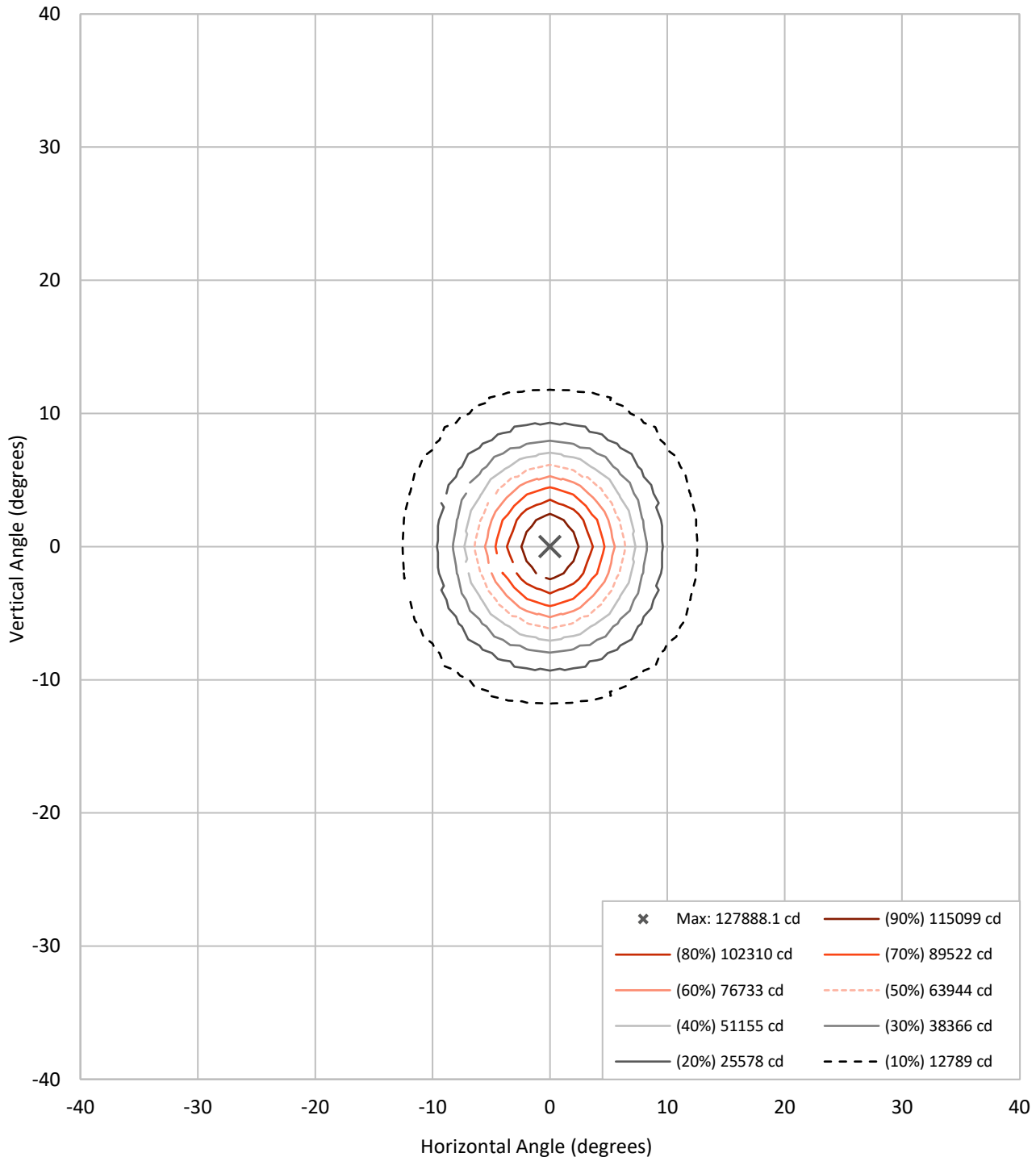
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	9270.2 lumens	Max Intensity:	127888.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	2929.2 lumens	Field Lumens:	6489.3 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 83
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: P558680 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





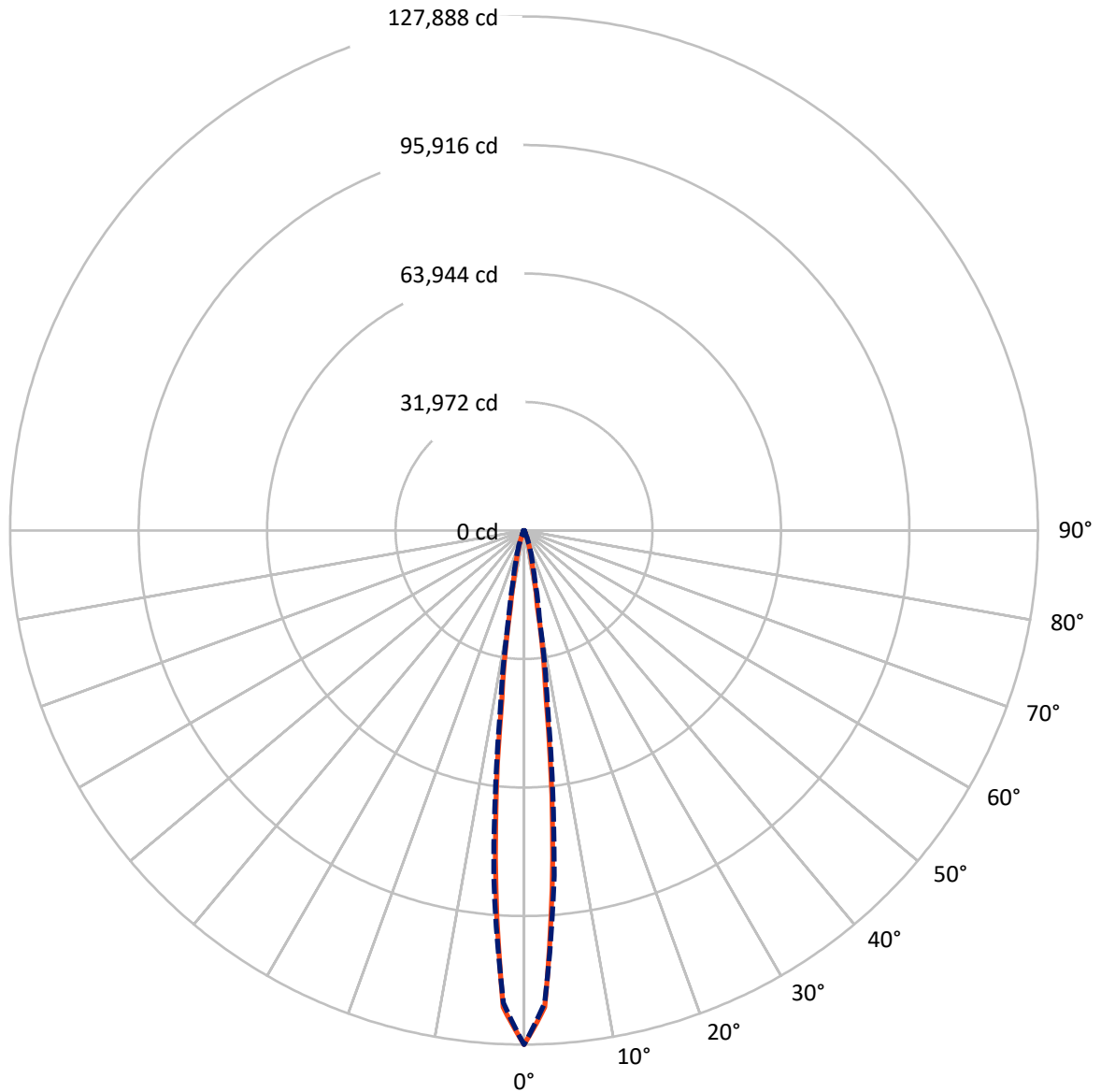
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Lumen Table

90	0.1	1.1		3.0		4.8		5.5		4.8		3.0		1.1		0.1			
80	0.1	1.1		3.0		4.8		5.5		4.8		3.0		1.1		0.1			
70	0.5	0.6	1.2	2.0	2.7	3.3	3.8	4.0	4.0	3.8	3.3	2.7	2.0	1.2	0.6	0.5			
60		0.9	1.8	2.7	3.5	4.1	4.5	4.7	4.7	4.5	4.1	3.5	2.7	1.8	0.9				
50	0.9	1.2	2.2	3.1	3.9	4.6	5.2	5.4	5.4	5.2	4.6	3.9	3.1	2.2	1.2	0.9			
40		1.4	2.5	3.4	4.4	5.6	7.1	8.0	8.0	7.1	5.6	4.4	3.4	2.5	1.4				
30	1.2	1.5	2.6	3.6	5.2	8.0	17.8	32.4	32.4	17.8	8.0	5.2	3.6	2.6	1.5	1.2			
20		1.6	2.7	3.8	6.1	17.2	97.2	213.8	213.8	97.2	17.2	6.1	3.8	2.7	1.6				
10	1.3	1.7	2.7	4.0	6.8	33.0	233.3	1509.5	1509.5	233.3	33.0	6.8	4.0	2.7	1.7	1.3			
0		1.7	2.7	4.0	6.8	33.0	233.3	1509.5	1509.5	233.3	33.0	6.8	4.0	2.7	1.7				
-10	1.2	1.6	2.7	3.8	6.1	17.2	97.2	213.8	213.8	97.2	17.2	6.1	3.8	2.7	1.6	1.2			
-20		1.5	2.6	3.6	5.2	8.0	17.8	32.4	32.4	17.8	8.0	5.2	3.6	2.6	1.5				
-30	0.9	1.4	2.5	3.4	4.4	5.6	7.1	8.0	8.0	7.1	5.6	4.4	3.4	2.5	1.4	0.9			
-40		1.2	2.2	3.1	3.9	4.6	5.2	5.4	5.4	5.2	4.6	3.9	3.1	2.2	1.2				
-50	0.5	0.9	1.8	2.7	3.5	4.1	4.5	4.7	4.7	4.5	4.1	3.5	2.7	1.8	0.9	0.5			
-60		0.6	1.2	2.0	2.7	3.3	3.8	4.0	4.0	3.8	3.3	2.7	2.0	1.2	0.6				
-70	0.1	1.1		3.0		4.8		5.5		4.8		3.0		1.1		0.1			
-80		1.1		3.0		4.8		5.5		4.8		3.0		1.1					
-90	0.1	1.1		3.0		4.8		5.5		4.8		3.0		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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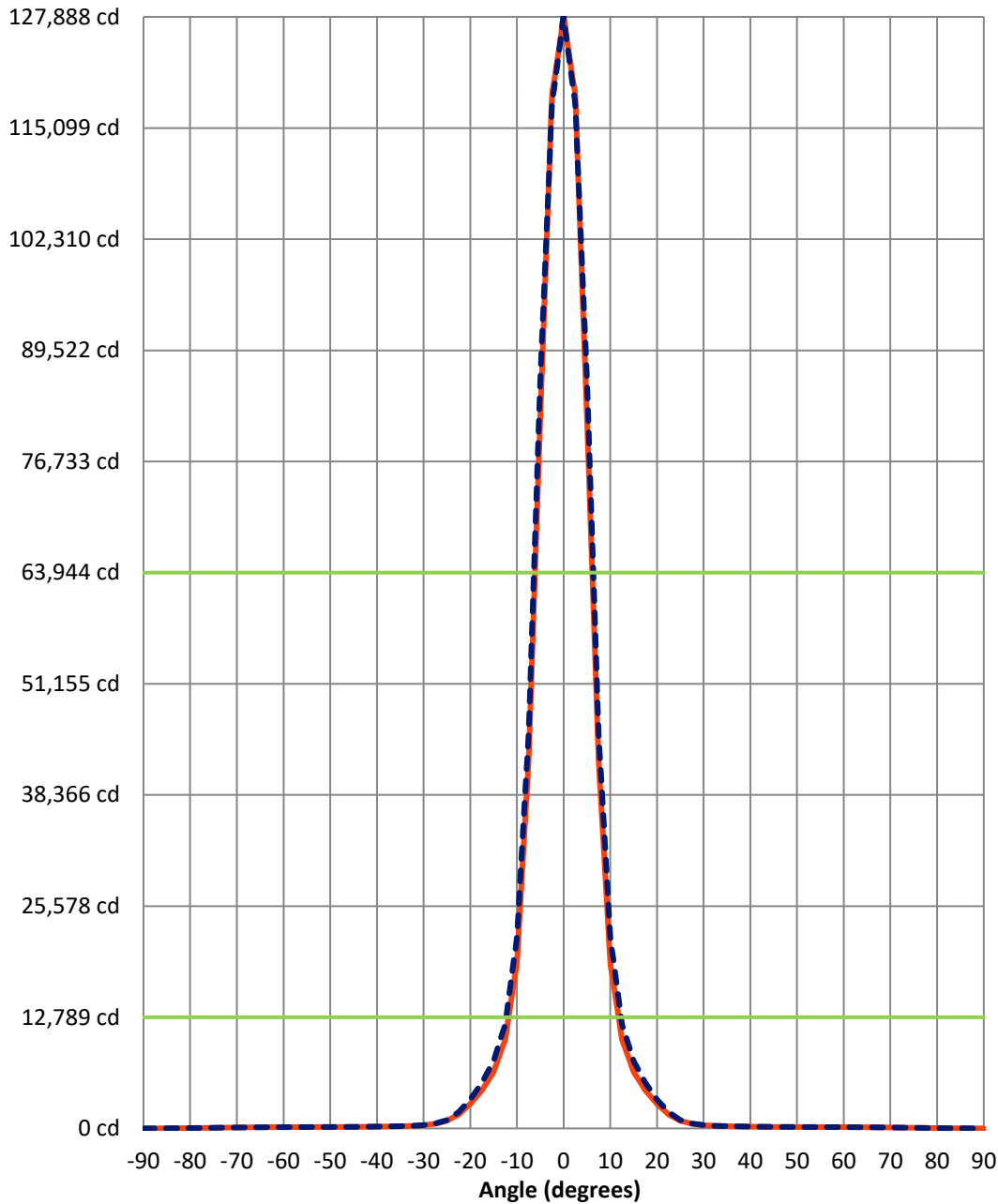
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 2929.2
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 6489.3
Efficiency: 70.0%

Spill:
Lumens: 2780.9
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	0.6	0.9	1.1	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.6	1.2	1.7	2.2	2.7	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.9	1.8	2.6	3.4	4.0	4.7	5.4	6.2	7.3	8.5
80°	0.0	1.2	2.4	3.5	4.5	5.4	6.3	7.7	9.3	10.8	12.5
77.5°	0.0	1.5	3.0	4.3	5.6	6.9	8.5	10.3	12.3	14.3	16.5
75°	0.0	1.8	3.6	5.2	6.7	8.7	10.7	12.9	15.3	18.1	20.7
72.5°	0.0	2.1	4.1	6.0	8.2	10.5	12.8	15.6	18.9	22.0	25.0
70°	0.0	2.4	4.7	6.9	9.6	12.3	15.0	18.7	22.4	25.9	30.8
67.5°	0.0	2.6	5.3	8.0	11.0	14.1	17.7	21.8	25.9	31.3	36.8
65°	0.0	2.9	5.8	9.0	12.4	16.0	20.4	24.9	30.5	36.5	42.8
62.5°	0.0	3.2	6.4	10.0	13.8	18.1	23.0	28.5	34.9	41.6	49.1
60°	0.0	3.4	6.9	11.0	15.1	20.2	25.5	32.2	39.2	47.2	55.2
57.5°	0.0	3.7	7.5	12.0	16.7	22.2	28.5	35.7	43.8	52.6	61.4
55°	0.0	4.0	8.2	13.0	18.2	24.2	31.5	39.2	48.5	57.9	67.5
52.5°	0.0	4.2	8.8	13.9	19.7	26.2	34.4	43.2	53.0	63.2	73.5
50°	0.0	4.4	9.3	14.8	21.2	28.5	37.3	47.1	57.5	68.4	79.4
47.5°	0.0	4.7	9.9	15.7	22.6	30.8	40.1	50.8	61.9	73.4	85.2
45°	0.0	4.9	10.5	16.7	23.9	33.0	43.1	54.3	66.2	78.5	90.8
42.5°	0.0	5.1	11.0	17.6	25.2	35.1	46.0	57.9	70.4	83.3	95.6
40°	0.0	5.3	11.5	18.5	26.6	37.1	48.7	61.3	74.4	88.0	100.0
37.5°	0.0	5.5	11.9	19.4	28.1	39.0	51.3	64.6	78.3	92.2	104.3
35°	0.0	5.7	12.4	20.1	29.5	40.9	53.8	67.7	82.0	95.8	108.2
32.5°	0.0	5.8	12.8	20.9	30.9	42.8	56.1	70.6	85.4	99.1	111.5
30°	0.0	6.0	13.2	21.5	32.1	44.6	58.5	73.3	88.5	102.2	114.5
27.5°	0.0	6.1	13.6	22.1	33.3	46.3	60.6	75.9	91.3	105.1	117.4
25°	0.0	6.3	13.9	22.7	34.3	47.8	62.6	78.2	93.6	107.5	119.9
22.5°	0.0	6.4	14.2	23.2	35.3	49.1	64.4	80.3	95.7	109.6	121.9
20°	0.0	6.5	14.5	23.6	36.2	50.4	66.0	82.2	97.6	111.5	123.7
17.5°	0.0	6.6	14.7	24.0	37.0	51.5	67.4	83.8	99.3	113.1	125.3
15°	0.0	6.7	14.9	24.3	37.6	52.4	68.7	85.2	100.7	114.5	126.7
12.5°	0.0	6.7	15.1	24.6	38.2	53.2	69.8	86.4	101.9	115.7	127.9
10°	0.0	6.8	15.2	24.8	38.7	53.9	70.7	87.3	102.8	116.7	128.9
7.5°	0.0	6.8	15.4	24.9	39.1	54.4	71.4	88.0	103.5	117.4	129.5
5°	0.0	6.9	15.4	25.0	39.4	54.8	71.9	88.5	104.0	117.8	129.9
2.5°	0.0	6.9	15.5	25.0	39.5	55.0	72.2	88.7	104.2	118.0	130.1
0°	0.0	6.9	15.5	25.0	39.5	55.0	72.2	88.7	104.2	118.0	130.1
-2.5°	0.0	6.9	15.5	25.0	39.5	55.0	72.2	88.7	104.2	118.0	130.1
-5°	0.0	6.9	15.4	25.0	39.4	54.8	71.9	88.5	104.0	117.8	129.9
-7.5°	0.0	6.8	15.4	24.9	39.1	54.4	71.4	88.0	103.5	117.4	129.5
-10°	0.0	6.8	15.2	24.8	38.7	53.9	70.7	87.3	102.8	116.7	128.9
-12.5°	0.0	6.7	15.1	24.6	38.2	53.2	69.8	86.4	101.9	115.7	127.9
-15°	0.0	6.7	14.9	24.3	37.6	52.4	68.7	85.2	100.7	114.5	126.7
-17.5°	0.0	6.6	14.7	24.0	37.0	51.5	67.4	83.8	99.3	113.1	125.3
-20°	0.0	6.5	14.5	23.6	36.2	50.4	66.0	82.2	97.6	111.5	123.7



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 CATALOG NUMBER: GFLD-SA2C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.4	14.2	23.2	35.3	49.1	64.4	80.3	95.7	109.6	121.9
-25°	0.0	6.3	13.9	22.7	34.3	47.8	62.6	78.2	93.6	107.5	119.9
-27.5°	0.0	6.1	13.6	22.1	33.3	46.3	60.6	75.9	91.3	105.1	117.4
-30°	0.0	6.0	13.2	21.5	32.1	44.6	58.5	73.3	88.5	102.2	114.5
-32.5°	0.0	5.8	12.8	20.9	30.9	42.8	56.1	70.6	85.4	99.1	111.5
-35°	0.0	5.7	12.4	20.1	29.5	40.9	53.8	67.7	82.0	95.8	108.2
-37.5°	0.0	5.5	11.9	19.4	28.1	39.0	51.3	64.6	78.3	92.2	104.3
-40°	0.0	5.3	11.5	18.5	26.6	37.1	48.7	61.3	74.4	88.0	100.0
-42.5°	0.0	5.1	11.0	17.6	25.2	35.1	46.0	57.9	70.4	83.3	95.6
-45°	0.0	4.9	10.5	16.7	23.9	33.0	43.1	54.3	66.2	78.5	90.8
-47.5°	0.0	4.7	9.9	15.7	22.6	30.8	40.1	50.8	61.9	73.4	85.2
-50°	0.0	4.4	9.3	14.8	21.2	28.5	37.3	47.1	57.5	68.4	79.4
-52.5°	0.0	4.2	8.8	13.9	19.7	26.2	34.4	43.2	53.0	63.2	73.5
-55°	0.0	4.0	8.2	13.0	18.2	24.2	31.5	39.2	48.5	57.9	67.5
-57.5°	0.0	3.7	7.5	12.0	16.7	22.2	28.5	35.7	43.8	52.6	61.4
-60°	0.0	3.4	6.9	11.0	15.1	20.2	25.5	32.2	39.2	47.2	55.2
-62.5°	0.0	3.2	6.4	10.0	13.8	18.1	23.0	28.5	34.9	41.6	49.1
-65°	0.0	2.9	5.8	9.0	12.4	16.0	20.4	24.9	30.5	36.5	42.8
-67.5°	0.0	2.6	5.3	8.0	11.0	14.1	17.7	21.8	25.9	31.3	36.8
-70°	0.0	2.4	4.7	6.9	9.6	12.3	15.0	18.7	22.4	25.9	30.8
-72.5°	0.0	2.1	4.1	6.0	8.2	10.5	12.8	15.6	18.9	22.0	25.0
-75°	0.0	1.8	3.6	5.2	6.7	8.7	10.7	12.9	15.3	18.1	20.7
-77.5°	0.0	1.5	3.0	4.3	5.6	6.9	8.5	10.3	12.3	14.3	16.5
-80°	0.0	1.2	2.4	3.5	4.5	5.4	6.3	7.7	9.3	10.8	12.5
-82.5°	0.0	0.9	1.8	2.6	3.4	4.0	4.7	5.4	6.2	7.3	8.5
-85°	0.0	0.6	1.2	1.7	2.2	2.7	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.6	0.9	1.1	1.3	1.6	1.8	2.1	2.3	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.6	7.1	7.6	8.1	8.5	8.9	9.4	9.9	10.4
82.5°	9.5	10.3	11.0	11.6	12.3	12.8	13.5	14.4	15.8	17.0	18.2
80°	13.7	14.6	16.0	17.5	19.1	20.7	22.1	23.5	25.1	26.7	28.5
77.5°	18.3	20.3	22.4	24.8	27.0	29.5	32.1	34.8	37.2	39.3	41.1
75°	23.2	25.9	29.5	33.0	36.4	39.8	43.2	46.5	49.4	52.1	54.8
72.5°	28.9	33.3	37.5	41.7	46.0	50.2	54.2	57.9	61.6	65.3	68.8
70°	35.7	40.7	45.8	51.0	56.1	60.8	65.4	70.0	74.6	78.8	82.5
67.5°	42.5	48.4	54.4	60.2	65.8	71.1	76.6	81.9	87.0	91.4	95.2
65°	49.6	56.1	62.7	69.1	75.2	81.4	87.5	93.4	98.3	102.3	106.2
62.5°	56.4	63.8	71.0	78.0	84.9	91.7	97.6	102.9	107.9	112.2	116.4
60°	63.4	71.5	79.3	86.9	94.2	100.4	106.4	111.8	116.8	121.6	125.1
57.5°	70.3	79.0	87.4	95.3	102.2	108.7	114.5	120.1	124.4	128.3	132.2
55°	77.1	86.4	95.1	102.8	109.9	116.0	121.9	126.6	131.0	134.6	138.3
52.5°	83.7	93.4	102.0	109.9	116.6	122.8	128.0	132.6	136.6	140.3	143.4
50°	90.2	99.7	108.7	116.0	122.8	128.6	133.4	137.9	141.8	145.2	148.0
47.5°	96.0	105.8	114.2	121.8	128.2	133.7	138.4	142.6	146.5	149.5	152.3
45°	101.4	111.1	119.6	126.8	133.1	138.2	142.8	147.2	150.4	153.4	155.5
42.5°	106.6	115.9	124.2	131.7	137.2	142.2	146.8	150.6	154.0	156.6	158.9
40°	110.9	120.6	128.6	135.4	141.0	145.8	150.0	153.8	157.1	159.7	162.2
37.5°	115.0	124.4	132.5	138.8	144.1	148.8	153.0	156.6	159.8	162.5	165.9
35°	119.0	128.0	135.5	141.7	146.9	151.5	155.5	159.2	162.3	166.0	169.9
32.5°	122.4	131.4	138.4	144.0	149.1	153.8	157.8	161.6	165.2	169.4	174.2
30°	125.2	134.0	140.9	146.2	151.2	155.7	160.0	164.0	168.0	173.0	179.3
27.5°	127.9	136.3	142.7	148.0	153.1	157.3	161.8	166.3	171.0	176.9	184.9
25°	130.3	138.4	144.3	149.7	154.4	158.8	163.5	168.1	174.0	181.7	192.1
22.5°	132.3	140.3	145.7	151.2	155.6	160.2	164.9	170.1	176.8	186.2	199.7
20°	133.9	141.5	146.9	152.3	156.5	161.4	166.2	171.9	179.9	192.0	207.7
17.5°	135.3	142.5	147.9	153.0	157.4	162.4	167.4	173.3	182.4	197.5	215.1
15°	136.6	143.3	148.7	153.6	158.2	163.1	168.4	175.2	185.7	202.8	221.8
12.5°	137.7	144.0	149.3	154.0	158.8	163.6	169.3	176.7	189.3	207.8	228.4
10°	138.6	144.5	149.8	154.3	159.2	163.9	169.9	177.8	191.9	210.6	232.4
7.5°	139.2	144.9	150.1	154.4	159.5	164.0	170.4	178.3	193.4	212.1	234.5
5°	139.5	145.2	150.4	154.7	159.8	164.2	170.8	178.4	194.1	212.3	235.3
2.5°	139.6	145.4	150.6	154.9	160.0	164.8	171.7	179.3	194.7	213.4	235.8
0°	139.5	145.5	150.7	155.0	160.1	165.3	172.2	179.9	194.6	214.4	235.9
-2.5°	139.6	145.4	150.6	154.9	160.0	164.8	171.7	179.3	194.7	213.4	235.8
-5°	139.5	145.2	150.4	154.7	159.8	164.2	170.8	178.4	194.1	212.3	235.3
-7.5°	139.2	144.9	150.1	154.4	159.5	164.0	170.4	178.3	193.4	212.1	234.5
-10°	138.6	144.5	149.8	154.3	159.2	163.9	169.9	177.8	191.9	210.6	232.4
-12.5°	137.7	144.0	149.3	154.0	158.8	163.6	169.3	176.7	189.3	207.8	228.4
-15°	136.6	143.3	148.7	153.6	158.2	163.1	168.4	175.2	185.7	202.8	221.8
-17.5°	135.3	142.5	147.9	153.0	157.4	162.4	167.4	173.3	182.4	197.5	215.1
-20°	133.9	141.5	146.9	152.3	156.5	161.4	166.2	171.9	179.9	192.0	207.7



REPORT NUMBER: P558680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	132.3	140.3	145.7	151.2	155.6	160.2	164.9	170.1	176.8	186.2	199.7
-25°	130.3	138.4	144.3	149.7	154.4	158.8	163.5	168.1	174.0	181.7	192.1
-27.5°	127.9	136.3	142.7	148.0	153.1	157.3	161.8	166.3	171.0	176.9	184.9
-30°	125.2	134.0	140.9	146.2	151.2	155.7	160.0	164.0	168.0	173.0	179.3
-32.5°	122.4	131.4	138.4	144.0	149.1	153.8	157.8	161.6	165.2	169.4	174.2
-35°	119.0	128.0	135.5	141.7	146.9	151.5	155.5	159.2	162.3	166.0	169.9
-37.5°	115.0	124.4	132.5	138.8	144.1	148.8	153.0	156.6	159.8	162.5	165.9
-40°	110.9	120.6	128.6	135.4	141.0	145.8	150.0	153.8	157.1	159.7	162.2
-42.5°	106.6	115.9	124.2	131.7	137.2	142.2	146.8	150.6	154.0	156.6	158.9
-45°	101.4	111.1	119.6	126.8	133.1	138.2	142.8	147.2	150.4	153.4	155.5
-47.5°	96.0	105.8	114.2	121.8	128.2	133.7	138.4	142.6	146.5	149.5	152.3
-50°	90.2	99.7	108.7	116.0	122.8	128.6	133.4	137.9	141.8	145.2	148.0
-52.5°	83.7	93.4	102.0	109.9	116.6	122.8	128.0	132.6	136.6	140.3	143.4
-55°	77.1	86.4	95.1	102.8	109.9	116.0	121.9	126.6	131.0	134.6	138.3
-57.5°	70.3	79.0	87.4	95.3	102.2	108.7	114.5	120.1	124.4	128.3	132.2
-60°	63.4	71.5	79.3	86.9	94.2	100.4	106.4	111.8	116.8	121.6	125.1
-62.5°	56.4	63.8	71.0	78.0	84.9	91.7	97.6	102.9	107.9	112.2	116.4
-65°	49.6	56.1	62.7	69.1	75.2	81.4	87.5	93.4	98.3	102.3	106.2
-67.5°	42.5	48.4	54.4	60.2	65.8	71.1	76.6	81.9	87.0	91.4	95.2
-70°	35.7	40.7	45.8	51.0	56.1	60.8	65.4	70.0	74.6	78.8	82.5
-72.5°	28.9	33.3	37.5	41.7	46.0	50.2	54.2	57.9	61.6	65.3	68.8
-75°	23.2	25.9	29.5	33.0	36.4	39.8	43.2	46.5	49.4	52.1	54.8
-77.5°	18.3	20.3	22.4	24.8	27.0	29.5	32.1	34.8	37.2	39.3	41.1
-80°	13.7	14.6	16.0	17.5	19.1	20.7	22.1	23.5	25.1	26.7	28.5
-82.5°	9.5	10.3	11.0	11.6	12.3	12.8	13.5	14.4	15.8	17.0	18.2
-85°	5.5	6.0	6.6	7.1	7.6	8.1	8.5	8.9	9.4	9.9	10.4
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	4.9	4.9	4.9	4.8	4.7	4.8	4.9	5.0	5.0	5.1	5.1
85°	11.0	11.4	11.9	12.4	12.8	13.2	13.5	13.7	14.0	14.2	14.3
82.5°	19.3	20.2	21.1	21.9	22.6	23.2	23.8	24.2	24.6	25.0	25.3
80°	30.0	31.5	32.9	34.2	35.4	36.4	37.2	37.9	38.5	39.1	39.6
77.5°	42.9	45.0	47.0	48.8	50.4	51.7	52.9	53.9	54.8	55.8	56.7
75°	57.5	60.0	62.3	64.4	66.3	68.0	69.6	70.9	72.1	73.2	74.1
72.5°	72.1	75.2	77.8	80.0	82.0	84.0	85.9	87.7	89.3	90.6	91.5
70°	85.9	88.9	91.8	94.3	96.7	99.1	101.6	103.9	106.1	107.4	108.2
67.5°	98.5	101.6	104.8	108.0	110.8	113.3	115.9	118.1	120.2	121.6	122.4
65°	109.9	113.4	116.8	120.0	123.0	125.2	127.4	129.6	131.6	133.2	134.4
62.5°	120.5	124.0	126.9	129.6	132.1	134.3	136.5	138.5	140.3	141.8	143.3
60°	128.6	132.1	135.0	137.5	139.9	142.1	143.8	145.3	146.4	147.4	148.3
57.5°	135.6	138.9	141.8	143.9	146.0	148.1	149.6	150.5	151.2	151.7	152.1
55°	141.6	144.3	146.7	149.0	151.1	152.9	154.2	154.8	155.2	155.4	155.6
52.5°	146.5	149.0	151.5	153.7	155.3	156.9	158.2	158.5	158.7	158.8	158.8
50°	150.9	153.4	155.4	157.2	158.9	160.3	161.4	161.9	162.2	162.3	162.1
47.5°	154.4	156.6	158.8	160.7	162.4	164.0	165.3	166.0	166.5	166.7	166.7
45°	157.5	160.1	162.4	164.6	166.6	168.7	170.4	171.6	172.8	173.7	174.1
42.5°	161.3	163.8	166.3	169.4	172.3	175.0	177.9	180.5	183.2	186.0	188.0
40°	165.0	167.8	171.7	175.4	179.6	183.4	189.5	195.6	200.3	204.3	207.9
37.5°	169.3	173.4	178.0	182.8	189.6	196.7	204.4	212.0	218.7	224.7	229.5
35°	174.2	179.7	185.4	193.9	202.6	211.3	220.6	230.7	239.3	245.6	250.1
32.5°	180.3	187.1	196.3	207.2	217.9	229.1	240.4	251.6	260.1	268.9	277.6
30°	187.0	196.9	208.8	222.0	235.3	248.7	262.8	278.5	293.4	309.4	332.3
27.5°	195.5	207.6	221.6	237.2	253.2	269.2	293.8	320.7	360.6	392.5	446.6
25°	204.6	218.7	235.5	253.6	273.1	301.8	346.7	399.8	493.9	566.9	677.6
22.5°	214.8	231.4	249.9	270.7	302.1	356.3	433.2	569.5	759.3	946.7	1155.1
20°	224.8	243.2	263.4	294.9	348.4	434.0	600.4	895.3	1224.6	1693.4	2087.0
17.5°	234.3	253.9	279.5	322.1	402.1	574.3	896.7	1401.8	2089.6	2845.3	3475.6
15°	242.7	262.7	297.2	364.7	499.8	768.1	1254.8	2114.3	3270.0	4304.7	5227.7
12.5°	249.7	273.4	316.3	399.0	584.6	981.7	1762.5	2983.0	4394.2	5845.5	7013.4
10°	254.9	284.8	341.9	462.5	719.3	1235.9	2185.6	3725.2	5424.4	7188.2	9299.7
7.5°	258.0	293.0	361.3	509.6	839.5	1519.1	2716.5	4387.9	6339.2	8747.0	11973.0
5°	260.2	298.5	375.7	545.1	919.8	1706.2	3051.6	4890.0	7128.5	10610.0	17249.4
2.5°	261.3	301.0	383.9	564.6	956.4	1802.4	3287.5	5177.5	7608.6	11924.3	20904.7
0°	260.9	299.6	384.8	569.1	961.7	1876.0	3326.7	5259.5	7770.9	12042.1	22076.5
-2.5°	261.3	301.0	383.9	564.6	956.4	1802.4	3287.5	5177.5	7608.6	11924.3	20904.7
-5°	260.2	298.5	375.7	545.1	919.8	1706.2	3051.6	4890.0	7128.5	10610.0	17249.4
-7.5°	258.0	293.0	361.3	509.6	839.5	1519.1	2716.5	4387.9	6339.2	8747.0	11973.0
-10°	254.9	284.8	341.9	462.5	719.3	1235.9	2185.6	3725.2	5424.4	7188.2	9299.7
-12.5°	249.7	273.4	316.3	399.0	584.6	981.7	1762.5	2983.0	4394.2	5845.5	7013.4
-15°	242.7	262.7	297.2	364.7	499.8	768.1	1254.8	2114.3	3270.0	4304.7	5227.7
-17.5°	234.3	253.9	279.5	322.1	402.1	574.3	896.7	1401.8	2089.6	2845.3	3475.6
-20°	224.8	243.2	263.4	294.9	348.4	434.0	600.4	895.3	1224.6	1693.4	2087.0



REPORT NUMBER: P558680 (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°	214.8	231.4	249.9	270.7	302.1	356.3	433.2	569.5	759.3	946.7	1155.1
-25°	204.6	218.7	235.5	253.6	273.1	301.8	346.7	399.8	493.9	566.9	677.6
-27.5°	195.5	207.6	221.6	237.2	253.2	269.2	293.8	320.7	360.6	392.5	446.6
-30°	187.0	196.9	208.8	222.0	235.3	248.7	262.8	278.5	293.4	309.4	332.3
-32.5°	180.3	187.1	196.3	207.2	217.9	229.1	240.4	251.6	260.1	268.9	277.6
-35°	174.2	179.7	185.4	193.9	202.6	211.3	220.6	230.7	239.3	245.6	250.1
-37.5°	169.3	173.4	178.0	182.8	189.6	196.7	204.4	212.0	218.7	224.7	229.5
-40°	165.0	167.8	171.7	175.4	179.6	183.4	189.5	195.6	200.3	204.3	207.9
-42.5°	161.3	163.8	166.3	169.4	172.3	175.0	177.9	180.5	183.2	186.0	188.0
-45°	157.5	160.1	162.4	164.6	166.6	168.7	170.4	171.6	172.8	173.7	174.1
-47.5°	154.4	156.6	158.8	160.7	162.4	164.0	165.3	166.0	166.5	166.7	166.7
-50°	150.9	153.4	155.4	157.2	158.9	160.3	161.4	161.9	162.2	162.3	162.1
-52.5°	146.5	149.0	151.5	153.7	155.3	156.9	158.2	158.5	158.7	158.8	158.8
-55°	141.6	144.3	146.7	149.0	151.1	152.9	154.2	154.8	155.2	155.4	155.6
-57.5°	135.6	138.9	141.8	143.9	146.0	148.1	149.6	150.5	151.2	151.7	152.1
-60°	128.6	132.1	135.0	137.5	139.9	142.1	143.8	145.3	146.4	147.4	148.3
-62.5°	120.5	124.0	126.9	129.6	132.1	134.3	136.5	138.5	140.3	141.8	143.3
-65°	109.9	113.4	116.8	120.0	123.0	125.2	127.4	129.6	131.6	133.2	134.4
-67.5°	98.5	101.6	104.8	108.0	110.8	113.3	115.9	118.1	120.2	121.6	122.4
-70°	85.9	88.9	91.8	94.3	96.7	99.1	101.6	103.9	106.1	107.4	108.2
-72.5°	72.1	75.2	77.8	80.0	82.0	84.0	85.9	87.7	89.3	90.6	91.5
-75°	57.5	60.0	62.3	64.4	66.3	68.0	69.6	70.9	72.1	73.2	74.1
-77.5°	42.9	45.0	47.0	48.8	50.4	51.7	52.9	53.9	54.8	55.8	56.7
-80°	30.0	31.5	32.9	34.2	35.4	36.4	37.2	37.9	38.5	39.1	39.6
-82.5°	19.3	20.2	21.1	21.9	22.6	23.2	23.8	24.2	24.6	25.0	25.3
-85°	11.0	11.4	11.9	12.4	12.8	13.2	13.5	13.7	14.0	14.2	14.3
-87.5°	4.9	4.9	4.9	4.8	4.7	4.8	4.9	5.0	5.0	5.1	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: P558680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0
85°	14.4	14.5	14.6	14.6	14.6	14.5	14.4	14.3	14.2	14.0	13.7
82.5°	25.5	25.7	25.8	25.8	25.8	25.7	25.5	25.3	25.0	24.6	24.2
80°	40.0	40.3	40.4	40.5	40.4	40.3	40.0	39.6	39.1	38.5	37.9
77.5°	57.5	58.1	58.4	58.5	58.4	58.1	57.5	56.7	55.8	54.8	53.9
75°	74.9	75.4	75.7	75.8	75.7	75.4	74.9	74.1	73.2	72.1	70.9
72.5°	92.2	92.5	93.3	93.8	93.3	92.5	92.2	91.5	90.6	89.3	87.7
70°	108.7	108.8	109.6	110.2	109.6	108.8	108.7	108.2	107.4	106.1	103.9
67.5°	123.1	123.5	123.5	123.1	123.5	123.5	123.1	122.4	121.6	120.2	118.1
65°	135.5	136.3	136.4	136.0	136.4	136.3	135.5	134.4	133.2	131.6	129.6
62.5°	144.6	145.8	146.3	146.4	146.3	145.8	144.6	143.3	141.8	140.3	138.5
60°	149.0	149.6	149.8	149.8	149.8	149.6	149.0	148.3	147.4	146.4	145.3
57.5°	152.3	152.3	152.4	152.4	152.4	152.3	152.3	152.1	151.7	151.2	150.5
55°	155.7	155.7	155.4	155.0	155.4	155.7	155.7	155.6	155.4	155.2	154.8
52.5°	158.7	158.4	158.1	157.6	158.1	158.4	158.7	158.8	158.8	158.7	158.5
50°	161.7	161.2	160.9	161.0	160.9	161.2	161.7	162.1	162.3	162.2	161.9
47.5°	166.6	166.2	166.1	166.2	166.1	166.2	166.6	166.7	166.7	166.5	166.0
45°	174.2	173.9	173.7	173.9	173.7	173.9	174.2	174.1	173.7	172.8	171.6
42.5°	189.0	189.1	189.0	189.4	189.0	189.1	189.0	188.0	186.0	183.2	180.5
40°	209.3	209.2	208.5	208.3	208.5	209.2	209.3	207.9	204.3	200.3	195.6
37.5°	231.5	231.5	230.8	230.7	230.8	231.5	231.5	229.5	224.7	218.7	212.0
35°	252.4	253.2	253.1	252.3	253.1	253.2	252.4	250.1	245.6	239.3	230.7
32.5°	283.9	288.7	291.2	290.1	291.2	288.7	283.9	277.6	268.9	260.1	251.6
30°	346.7	359.1	365.6	368.5	365.6	359.1	346.7	332.3	309.4	293.4	278.5
27.5°	485.4	512.8	525.1	529.5	525.1	512.8	485.4	446.6	392.5	360.6	320.7
25°	774.3	836.1	866.6	876.4	866.6	836.1	774.3	677.6	566.9	493.9	399.8
22.5°	1384.6	1503.6	1585.0	1603.1	1585.0	1503.6	1384.6	1155.1	946.7	759.3	569.5
20°	2482.6	2712.8	2837.8	2826.5	2837.8	2712.8	2482.6	2087.0	1693.4	1224.6	895.3
17.5°	4011.3	4306.5	4447.1	4381.4	4447.1	4306.5	4011.3	3475.6	2845.3	2089.6	1401.8
15°	5880.4	6279.3	6453.2	6507.1	6453.2	6279.3	5880.4	5227.7	4304.7	3270.0	2114.3
12.5°	8179.4	9486.9	10112.2	10279.7	10112.2	9486.9	8179.4	7013.4	5845.5	4394.2	2983.0
10°	11459.5	15854.5	18468.8	19107.1	18468.8	15854.5	11459.5	9299.7	7188.2	5424.4	3725.2
7.5°	18714.3	27645.4	37650.2	42388.0	37650.2	27645.4	18714.3	11973.0	8747.0	6339.2	4387.9
5°	28539.2	49532.1	72696.5	81777.3	72696.5	49532.1	28539.2	17249.4	10610.0	7128.5	4890.0
2.5°	40483.1	74789.7	106797.2	118728.9	106797.2	74789.7	40483.1	20904.7	11924.3	7608.6	5177.5
0°	45529.2	86224.1	117667.3	127888.1	117667.3	86224.1	45529.2	22076.5	12042.1	7770.9	5259.5
-2.5°	40483.1	74789.7	106797.2	118728.8	106797.2	74789.7	40483.1	20904.7	11924.3	7608.6	5177.5
-5°	28539.2	49532.1	72696.5	81777.3	72696.5	49532.1	28539.2	17249.4	10610.0	7128.5	4890.0
-7.5°	18714.3	27645.4	37650.2	42388.0	37650.2	27645.4	18714.3	11973.0	8747.0	6339.2	4387.9
-10°	11459.5	15854.5	18468.8	19107.1	18468.8	15854.5	11459.5	9299.7	7188.2	5424.4	3725.2
-12.5°	8179.4	9486.9	10112.2	10279.7	10112.2	9486.9	8179.4	7013.4	5845.5	4394.2	2983.0
-15°	5880.4	6279.3	6453.2	6507.1	6453.2	6279.3	5880.4	5227.7	4304.7	3270.0	2114.3
-17.5°	4011.3	4306.5	4447.1	4381.4	4447.1	4306.5	4011.3	3475.6	2845.3	2089.6	1401.8
-20°	2482.6	2712.8	2837.8	2826.5	2837.8	2712.8	2482.6	2087.0	1693.4	1224.6	895.3



REPORT NUMBER: P558680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	1384.6	1503.6	1585.0	1603.1	1585.0	1503.6	1384.6	1155.1	946.7	759.3	569.5
-25°	774.3	836.1	866.6	876.4	866.6	836.1	774.3	677.6	566.9	493.9	399.8
-27.5°	485.4	512.8	525.1	529.5	525.1	512.8	485.4	446.6	392.5	360.6	320.7
-30°	346.7	359.1	365.6	368.5	365.6	359.1	346.7	332.3	309.4	293.4	278.5
-32.5°	283.9	288.7	291.2	290.1	291.2	288.7	283.9	277.6	268.9	260.1	251.6
-35°	252.4	253.2	253.1	252.3	253.1	253.2	252.4	250.1	245.6	239.3	230.7
-37.5°	231.5	231.5	230.8	230.7	230.8	231.5	231.5	229.5	224.7	218.7	212.0
-40°	209.3	209.2	208.5	208.3	208.5	209.2	209.3	207.9	204.3	200.3	195.6
-42.5°	189.0	189.1	189.0	189.4	189.0	189.1	189.0	188.0	186.0	183.2	180.5
-45°	174.2	173.9	173.7	173.9	173.7	173.9	174.2	174.1	173.7	172.8	171.6
-47.5°	166.6	166.2	166.1	166.2	166.1	166.2	166.6	166.7	166.7	166.5	166.0
-50°	161.7	161.2	160.9	161.0	160.9	161.2	161.7	162.1	162.3	162.2	161.9
-52.5°	158.7	158.4	158.1	157.6	158.1	158.4	158.7	158.8	158.8	158.7	158.5
-55°	155.7	155.7	155.4	155.0	155.4	155.7	155.7	155.6	155.4	155.2	154.8
-57.5°	152.3	152.3	152.4	152.4	152.4	152.3	152.3	152.1	151.7	151.2	150.5
-60°	149.0	149.6	149.8	149.8	149.8	149.6	149.0	148.3	147.4	146.4	145.3
-62.5°	144.6	145.8	146.3	146.4	146.3	145.8	144.6	143.3	141.8	140.3	138.5
-65°	135.5	136.3	136.4	136.0	136.4	136.3	135.5	134.4	133.2	131.6	129.6
-67.5°	123.1	123.5	123.5	123.1	123.5	123.5	123.1	122.4	121.6	120.2	118.1
-70°	108.7	108.8	109.6	110.2	109.6	108.8	108.7	108.2	107.4	106.1	103.9
-72.5°	92.2	92.5	93.3	93.8	93.3	92.5	92.2	91.5	90.6	89.3	87.7
-75°	74.9	75.4	75.7	75.8	75.7	75.4	74.9	74.1	73.2	72.1	70.9
-77.5°	57.5	58.1	58.4	58.5	58.4	58.1	57.5	56.7	55.8	54.8	53.9
-80°	40.0	40.3	40.4	40.5	40.4	40.3	40.0	39.6	39.1	38.5	37.9
-82.5°	25.5	25.7	25.8	25.8	25.8	25.7	25.5	25.3	25.0	24.6	24.2
-85°	14.4	14.5	14.6	14.6	14.6	14.5	14.4	14.3	14.2	14.0	13.7
-87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0
-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: P558680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	4.9	4.8	4.7	4.8	4.9	4.9	4.9	4.8	4.6	4.4	4.2
85°	13.5	13.2	12.8	12.4	11.9	11.4	11.0	10.4	9.9	9.4	8.9
82.5°	23.8	23.2	22.6	21.9	21.1	20.2	19.3	18.2	17.0	15.8	14.4
80°	37.2	36.4	35.4	34.2	32.9	31.5	30.0	28.5	26.7	25.1	23.5
77.5°	52.9	51.7	50.4	48.8	47.0	45.0	42.9	41.1	39.3	37.2	34.8
75°	69.6	68.0	66.3	64.4	62.3	60.0	57.5	54.8	52.1	49.4	46.5
72.5°	85.9	84.0	82.0	80.0	77.8	75.2	72.1	68.8	65.3	61.6	57.9
70°	101.6	99.1	96.7	94.3	91.8	88.9	85.9	82.5	78.8	74.6	70.0
67.5°	115.9	113.3	110.8	108.0	104.8	101.6	98.5	95.2	91.4	87.0	81.9
65°	127.4	125.2	123.0	120.0	116.8	113.4	109.9	106.2	102.3	98.3	93.4
62.5°	136.5	134.3	132.1	129.6	126.9	124.0	120.5	116.4	112.2	107.9	102.9
60°	143.8	142.1	139.9	137.5	135.0	132.1	128.6	125.1	121.6	116.8	111.8
57.5°	149.6	148.1	146.0	143.9	141.8	138.9	135.6	132.2	128.3	124.4	120.1
55°	154.2	152.9	151.1	149.0	146.7	144.3	141.6	138.3	134.6	131.0	126.6
52.5°	158.2	156.9	155.3	153.7	151.5	149.0	146.5	143.4	140.3	136.6	132.6
50°	161.4	160.3	158.9	157.2	155.4	153.4	150.9	148.0	145.2	141.8	137.9
47.5°	165.3	164.0	162.4	160.7	158.8	156.6	154.4	152.3	149.5	146.5	142.6
45°	170.4	168.7	166.6	164.6	162.4	160.1	157.5	155.5	153.4	150.4	147.2
42.5°	177.9	175.0	172.3	169.4	166.3	163.8	161.3	158.9	156.6	154.0	150.6
40°	189.5	183.4	179.6	175.4	171.7	167.8	165.0	162.2	159.7	157.1	153.8
37.5°	204.4	196.7	189.6	182.8	178.0	173.4	169.3	165.9	162.5	159.8	156.6
35°	220.6	211.3	202.6	193.9	185.4	179.7	174.2	169.9	166.0	162.3	159.2
32.5°	240.4	229.1	217.9	207.2	196.3	187.1	180.3	174.2	169.4	165.2	161.6
30°	262.8	248.7	235.3	222.0	208.8	196.9	187.0	179.3	173.0	168.0	164.0
27.5°	293.8	269.2	253.2	237.2	221.6	207.6	195.5	184.9	176.9	171.0	166.3
25°	346.7	301.8	273.1	253.6	235.5	218.7	204.6	192.1	181.7	174.0	168.1
22.5°	433.2	356.3	302.1	270.7	249.9	231.4	214.8	199.7	186.2	176.8	170.1
20°	600.4	434.0	348.4	294.9	263.4	243.2	224.8	207.7	192.0	179.9	171.9
17.5°	896.7	574.3	402.1	322.1	279.5	253.9	234.3	215.1	197.5	182.4	173.3
15°	1254.8	768.1	499.8	364.7	297.2	262.7	242.7	221.8	202.8	185.7	175.2
12.5°	1762.5	981.7	584.6	399.0	316.3	273.4	249.7	228.4	207.8	189.3	176.7
10°	2185.6	1235.9	719.3	462.5	341.9	284.8	254.9	232.4	210.6	191.9	177.8
7.5°	2716.5	1519.1	839.5	509.6	361.3	293.0	258.0	234.5	212.1	193.4	178.3
5°	3051.6	1706.2	919.8	545.1	375.7	298.5	260.2	235.3	212.3	194.1	178.4
2.5°	3287.5	1802.4	956.4	564.6	383.9	301.0	261.3	235.8	213.4	194.7	179.3
0°	3326.7	1876.0	961.7	569.1	384.8	299.6	260.9	235.9	214.4	194.6	179.9
-2.5°	3287.5	1802.4	956.4	564.6	383.9	301.0	261.3	235.8	213.4	194.7	179.3
-5°	3051.6	1706.2	919.8	545.1	375.7	298.5	260.2	235.3	212.3	194.1	178.4
-7.5°	2716.5	1519.1	839.5	509.6	361.3	293.0	258.0	234.5	212.1	193.4	178.3
-10°	2185.6	1235.9	719.3	462.5	341.9	284.8	254.9	232.4	210.6	191.9	177.8
-12.5°	1762.5	981.7	584.6	399.0	316.3	273.4	249.7	228.4	207.8	189.3	176.7
-15°	1254.8	768.1	499.8	364.7	297.2	262.7	242.7	221.8	202.8	185.7	175.2
-17.5°	896.7	574.3	402.1	322.1	279.5	253.9	234.3	215.1	197.5	182.4	173.3
-20°	600.4	434.0	348.4	294.9	263.4	243.2	224.8	207.7	192.0	179.9	171.9



REPORT NUMBER: P558680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	433.2	356.3	302.1	270.7	249.9	231.4	214.8	199.7	186.2	176.8	170.1
-25°	346.7	301.8	273.1	253.6	235.5	218.7	204.6	192.1	181.7	174.0	168.1
-27.5°	293.8	269.2	253.2	237.2	221.6	207.6	195.5	184.9	176.9	171.0	166.3
-30°	262.8	248.7	235.3	222.0	208.8	196.9	187.0	179.3	173.0	168.0	164.0
-32.5°	240.4	229.1	217.9	207.2	196.3	187.1	180.3	174.2	169.4	165.2	161.6
-35°	220.6	211.3	202.6	193.9	185.4	179.7	174.2	169.9	166.0	162.3	159.2
-37.5°	204.4	196.7	189.6	182.8	178.0	173.4	169.3	165.9	162.5	159.8	156.6
-40°	189.5	183.4	179.6	175.4	171.7	167.8	165.0	162.2	159.7	157.1	153.8
-42.5°	177.9	175.0	172.3	169.4	166.3	163.8	161.3	158.9	156.6	154.0	150.6
-45°	170.4	168.7	166.6	164.6	162.4	160.1	157.5	155.5	153.4	150.4	147.2
-47.5°	165.3	164.0	162.4	160.7	158.8	156.6	154.4	152.3	149.5	146.5	142.6
-50°	161.4	160.3	158.9	157.2	155.4	153.4	150.9	148.0	145.2	141.8	137.9
-52.5°	158.2	156.9	155.3	153.7	151.5	149.0	146.5	143.4	140.3	136.6	132.6
-55°	154.2	152.9	151.1	149.0	146.7	144.3	141.6	138.3	134.6	131.0	126.6
-57.5°	149.6	148.1	146.0	143.9	141.8	138.9	135.6	132.2	128.3	124.4	120.1
-60°	143.8	142.1	139.9	137.5	135.0	132.1	128.6	125.1	121.6	116.8	111.8
-62.5°	136.5	134.3	132.1	129.6	126.9	124.0	120.5	116.4	112.2	107.9	102.9
-65°	127.4	125.2	123.0	120.0	116.8	113.4	109.9	106.2	102.3	98.3	93.4
-67.5°	115.9	113.3	110.8	108.0	104.8	101.6	98.5	95.2	91.4	87.0	81.9
-70°	101.6	99.1	96.7	94.3	91.8	88.9	85.9	82.5	78.8	74.6	70.0
-72.5°	85.9	84.0	82.0	80.0	77.8	75.2	72.1	68.8	65.3	61.6	57.9
-75°	69.6	68.0	66.3	64.4	62.3	60.0	57.5	54.8	52.1	49.4	46.5
-77.5°	52.9	51.7	50.4	48.8	47.0	45.0	42.9	41.1	39.3	37.2	34.8
-80°	37.2	36.4	35.4	34.2	32.9	31.5	30.0	28.5	26.7	25.1	23.5
-82.5°	23.8	23.2	22.6	21.9	21.1	20.2	19.3	18.2	17.0	15.8	14.4
-85°	13.5	13.2	12.8	12.4	11.9	11.4	11.0	10.4	9.9	9.4	8.9
-87.5°	4.9	4.8	4.7	4.8	4.9	4.9	4.9	4.8	4.6	4.4	4.2
-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: P558680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	8.5	8.1	7.6	7.1	6.6	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	13.5	12.8	12.3	11.6	11.0	10.3	9.5	8.5	7.3	6.2	5.4
80°	22.1	20.7	19.1	17.5	16.0	14.6	13.7	12.5	10.8	9.3	7.7
77.5°	32.1	29.5	27.0	24.8	22.4	20.3	18.3	16.5	14.3	12.3	10.3
75°	43.2	39.8	36.4	33.0	29.5	25.9	23.2	20.7	18.1	15.3	12.9
72.5°	54.2	50.2	46.0	41.7	37.5	33.3	28.9	25.0	22.0	18.9	15.6
70°	65.4	60.8	56.1	51.0	45.8	40.7	35.7	30.8	25.9	22.4	18.7
67.5°	76.6	71.1	65.8	60.2	54.4	48.4	42.5	36.8	31.3	25.9	21.8
65°	87.5	81.4	75.2	69.1	62.7	56.1	49.6	42.8	36.5	30.5	24.9
62.5°	97.6	91.7	84.9	78.0	71.0	63.8	56.4	49.1	41.6	34.9	28.5
60°	106.4	100.4	94.2	86.9	79.3	71.5	63.4	55.2	47.2	39.2	32.2
57.5°	114.5	108.7	102.2	95.3	87.4	79.0	70.3	61.4	52.6	43.8	35.7
55°	121.9	116.0	109.9	102.8	95.1	86.4	77.1	67.5	57.9	48.5	39.2
52.5°	128.0	122.8	116.6	109.9	102.0	93.4	83.7	73.5	63.2	53.0	43.2
50°	133.4	128.6	122.8	116.0	108.7	99.7	90.2	79.4	68.4	57.5	47.1
47.5°	138.4	133.7	128.2	121.8	114.2	105.8	96.0	85.2	73.4	61.9	50.8
45°	142.8	138.2	133.1	126.8	119.6	111.1	101.4	90.8	78.5	66.2	54.3
42.5°	146.8	142.2	137.2	131.7	124.2	115.9	106.6	95.6	83.3	70.4	57.9
40°	150.0	145.8	141.0	135.4	128.6	120.6	110.9	100.0	88.0	74.4	61.3
37.5°	153.0	148.8	144.1	138.8	132.5	124.4	115.0	104.3	92.2	78.3	64.6
35°	155.5	151.5	146.9	141.7	135.5	128.0	119.0	108.2	95.8	82.0	67.7
32.5°	157.8	153.8	149.1	144.0	138.4	131.4	122.4	111.5	99.1	85.4	70.6
30°	160.0	155.7	151.2	146.2	140.9	134.0	125.2	114.5	102.2	88.5	73.3
27.5°	161.8	157.3	153.1	148.0	142.7	136.3	127.9	117.4	105.1	91.3	75.9
25°	163.5	158.8	154.4	149.7	144.3	138.4	130.3	119.9	107.5	93.6	78.2
22.5°	164.9	160.2	155.6	151.2	145.7	140.3	132.3	121.9	109.6	95.7	80.3
20°	166.2	161.4	156.5	152.3	146.9	141.5	133.9	123.7	111.5	97.6	82.2
17.5°	167.4	162.4	157.4	153.0	147.9	142.5	135.3	125.3	113.1	99.3	83.8
15°	168.4	163.1	158.2	153.6	148.7	143.3	136.6	126.7	114.5	100.7	85.2
12.5°	169.3	163.6	158.8	154.0	149.3	144.0	137.7	127.9	115.7	101.9	86.4
10°	169.9	163.9	159.2	154.3	149.8	144.5	138.6	128.9	116.7	102.8	87.3
7.5°	170.4	164.0	159.5	154.4	150.1	144.9	139.2	129.5	117.4	103.5	88.0
5°	170.8	164.2	159.8	154.7	150.4	145.2	139.5	129.9	117.8	104.0	88.5
2.5°	171.7	164.8	160.0	154.9	150.6	145.4	139.6	130.1	118.0	104.2	88.7
0°	172.2	165.3	160.1	155.0	150.7	145.5	139.5	130.0	118.0	104.2	88.7
-2.5°	171.7	164.8	160.0	154.9	150.6	145.4	139.6	130.1	118.0	104.2	88.7
-5°	170.8	164.2	159.8	154.7	150.4	145.2	139.5	129.9	117.8	104.0	88.5
-7.5°	170.4	164.0	159.5	154.4	150.1	144.9	139.2	129.5	117.4	103.5	88.0
-10°	169.9	163.9	159.2	154.3	149.8	144.5	138.6	128.9	116.7	102.8	87.3
-12.5°	169.3	163.6	158.8	154.0	149.3	144.0	137.7	127.9	115.7	101.9	86.4
-15°	168.4	163.1	158.2	153.6	148.7	143.3	136.6	126.7	114.5	100.7	85.2
-17.5°	167.4	162.4	157.4	153.0	147.9	142.5	135.3	125.3	113.1	99.3	83.8
-20°	166.2	161.4	156.5	152.3	146.9	141.5	133.9	123.7	111.5	97.6	82.2



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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°	164.9	160.2	155.6	151.2	145.7	140.3	132.3	121.9	109.6	95.7	80.3
-25°	163.5	158.8	154.4	149.7	144.3	138.4	130.3	119.9	107.5	93.6	78.2
-27.5°	161.8	157.3	153.1	148.0	142.7	136.3	127.9	117.4	105.1	91.3	75.9
-30°	160.0	155.7	151.2	146.2	140.9	134.0	125.2	114.5	102.2	88.5	73.3
-32.5°	157.8	153.8	149.1	144.0	138.4	131.4	122.4	111.5	99.1	85.4	70.6
-35°	155.5	151.5	146.9	141.7	135.5	128.0	119.0	108.2	95.8	82.0	67.7
-37.5°	153.0	148.8	144.1	138.8	132.5	124.4	115.0	104.3	92.2	78.3	64.6
-40°	150.0	145.8	141.0	135.4	128.6	120.6	110.9	100.0	88.0	74.4	61.3
-42.5°	146.8	142.2	137.2	131.7	124.2	115.9	106.6	95.6	83.3	70.4	57.9
-45°	142.8	138.2	133.1	126.8	119.6	111.1	101.4	90.8	78.5	66.2	54.3
-47.5°	138.4	133.7	128.2	121.8	114.2	105.8	96.0	85.2	73.4	61.9	50.8
-50°	133.4	128.6	122.8	116.0	108.7	99.7	90.2	79.4	68.4	57.5	47.1
-52.5°	128.0	122.8	116.6	109.9	102.0	93.4	83.7	73.5	63.2	53.0	43.2
-55°	121.9	116.0	109.9	102.8	95.1	86.4	77.1	67.5	57.9	48.5	39.2
-57.5°	114.5	108.7	102.2	95.3	87.4	79.0	70.3	61.4	52.6	43.8	35.7
-60°	106.4	100.4	94.2	86.9	79.3	71.5	63.4	55.2	47.2	39.2	32.2
-62.5°	97.6	91.7	84.9	78.0	71.0	63.8	56.4	49.1	41.6	34.9	28.5
-65°	87.5	81.4	75.2	69.1	62.7	56.1	49.6	42.8	36.5	30.5	24.9
-67.5°	76.6	71.1	65.8	60.2	54.4	48.4	42.5	36.8	31.3	25.9	21.8
-70°	65.4	60.8	56.1	51.0	45.8	40.7	35.7	30.8	25.9	22.4	18.7
-72.5°	54.2	50.2	46.0	41.7	37.5	33.3	28.9	25.0	22.0	18.9	15.6
-75°	43.2	39.8	36.4	33.0	29.5	25.9	23.2	20.7	18.1	15.3	12.9
-77.5°	32.1	29.5	27.0	24.8	22.4	20.3	18.3	16.5	14.3	12.3	10.3
-80°	22.1	20.7	19.1	17.5	16.0	14.6	13.7	12.5	10.8	9.3	7.7
-82.5°	13.5	12.8	12.3	11.6	11.0	10.3	9.5	8.5	7.3	6.2	5.4
-85°	8.5	8.1	7.6	7.1	6.6	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-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):

	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°	1.6	1.3	1.1	0.9	0.6	0.3	0.0
85°	3.1	2.7	2.2	1.7	1.2	0.6	0.0
82.5°	4.7	4.0	3.4	2.6	1.8	0.9	0.0
80°	6.3	5.4	4.5	3.5	2.4	1.2	0.0
77.5°	8.5	6.9	5.6	4.3	3.0	1.5	0.0
75°	10.7	8.7	6.7	5.2	3.6	1.8	0.0
72.5°	12.8	10.5	8.2	6.0	4.1	2.1	0.0
70°	15.0	12.3	9.6	6.9	4.7	2.4	0.0
67.5°	17.7	14.1	11.0	8.0	5.3	2.6	0.0
65°	20.4	16.0	12.4	9.0	5.8	2.9	0.0
62.5°	23.0	18.1	13.8	10.0	6.4	3.2	0.0
60°	25.5	20.2	15.1	11.0	6.9	3.4	0.0
57.5°	28.5	22.2	16.7	12.0	7.5	3.7	0.0
55°	31.5	24.2	18.2	13.0	8.2	4.0	0.0
52.5°	34.4	26.2	19.7	13.9	8.8	4.2	0.0
50°	37.3	28.5	21.2	14.8	9.3	4.4	0.0
47.5°	40.1	30.8	22.6	15.7	9.9	4.7	0.0
45°	43.1	33.0	23.9	16.7	10.5	4.9	0.0
42.5°	46.0	35.1	25.2	17.6	11.0	5.1	0.0
40°	48.7	37.1	26.6	18.5	11.5	5.3	0.0
37.5°	51.3	39.0	28.1	19.4	11.9	5.5	0.0
35°	53.8	40.9	29.5	20.1	12.4	5.7	0.0
32.5°	56.1	42.8	30.9	20.9	12.8	5.8	0.0
30°	58.5	44.6	32.1	21.5	13.2	6.0	0.0
27.5°	60.6	46.3	33.3	22.1	13.6	6.1	0.0
25°	62.6	47.8	34.3	22.7	13.9	6.3	0.0
22.5°	64.4	49.1	35.3	23.2	14.2	6.4	0.0
20°	66.0	50.4	36.2	23.6	14.5	6.5	0.0
17.5°	67.4	51.5	37.0	24.0	14.7	6.6	0.0
15°	68.7	52.4	37.6	24.3	14.9	6.7	0.0
12.5°	69.8	53.2	38.2	24.6	15.1	6.7	0.0
10°	70.7	53.9	38.7	24.8	15.2	6.8	0.0
7.5°	71.4	54.4	39.1	24.9	15.4	6.8	0.0
5°	71.9	54.8	39.4	25.0	15.4	6.9	0.0
2.5°	72.2	55.0	39.5	25.0	15.5	6.9	0.0
0°	72.3	55.1	39.6	25.0	15.5	6.9	0.0
-2.5°	72.2	55.0	39.5	25.0	15.5	6.9	0.0
-5°	71.9	54.8	39.4	25.0	15.4	6.9	0.0
-7.5°	71.4	54.4	39.1	24.9	15.4	6.8	0.0
-10°	70.7	53.9	38.7	24.8	15.2	6.8	0.0
-12.5°	69.8	53.2	38.2	24.6	15.1	6.7	0.0
-15°	68.7	52.4	37.6	24.3	14.9	6.7	0.0
-17.5°	67.4	51.5	37.0	24.0	14.7	6.6	0.0
-20°	66.0	50.4	36.2	23.6	14.5	6.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	64.4	49.1	35.3	23.2	14.2	6.4	0.0
-25°	62.6	47.8	34.3	22.7	13.9	6.3	0.0
-27.5°	60.6	46.3	33.3	22.1	13.6	6.1	0.0
-30°	58.5	44.6	32.1	21.5	13.2	6.0	0.0
-32.5°	56.1	42.8	30.9	20.9	12.8	5.8	0.0
-35°	53.8	40.9	29.5	20.1	12.4	5.7	0.0
-37.5°	51.3	39.0	28.1	19.4	11.9	5.5	0.0
-40°	48.7	37.1	26.6	18.5	11.5	5.3	0.0
-42.5°	46.0	35.1	25.2	17.6	11.0	5.1	0.0
-45°	43.1	33.0	23.9	16.7	10.5	4.9	0.0
-47.5°	40.1	30.8	22.6	15.7	9.9	4.7	0.0
-50°	37.3	28.5	21.2	14.8	9.3	4.4	0.0
-52.5°	34.4	26.2	19.7	13.9	8.8	4.2	0.0
-55°	31.5	24.2	18.2	13.0	8.2	4.0	0.0
-57.5°	28.5	22.2	16.7	12.0	7.5	3.7	0.0
-60°	25.5	20.2	15.1	11.0	6.9	3.4	0.0
-62.5°	23.0	18.1	13.8	10.0	6.4	3.2	0.0
-65°	20.4	16.0	12.4	9.0	5.8	2.9	0.0
-67.5°	17.7	14.1	11.0	8.0	5.3	2.6	0.0
-70°	15.0	12.3	9.6	6.9	4.7	2.4	0.0
-72.5°	12.8	10.5	8.2	6.0	4.1	2.1	0.0
-75°	10.7	8.7	6.7	5.2	3.6	1.8	0.0
-77.5°	8.5	6.9	5.6	4.3	3.0	1.5	0.0
-80°	6.3	5.4	4.5	3.5	2.4	1.2	0.0
-82.5°	4.7	4.0	3.4	2.6	1.8	0.9	0.0
-85°	3.1	2.7	2.2	1.7	1.2	0.6	0.0
-87.5°	1.6	1.3	1.1	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)