

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: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558880 (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-SA4B-927-U-TS-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

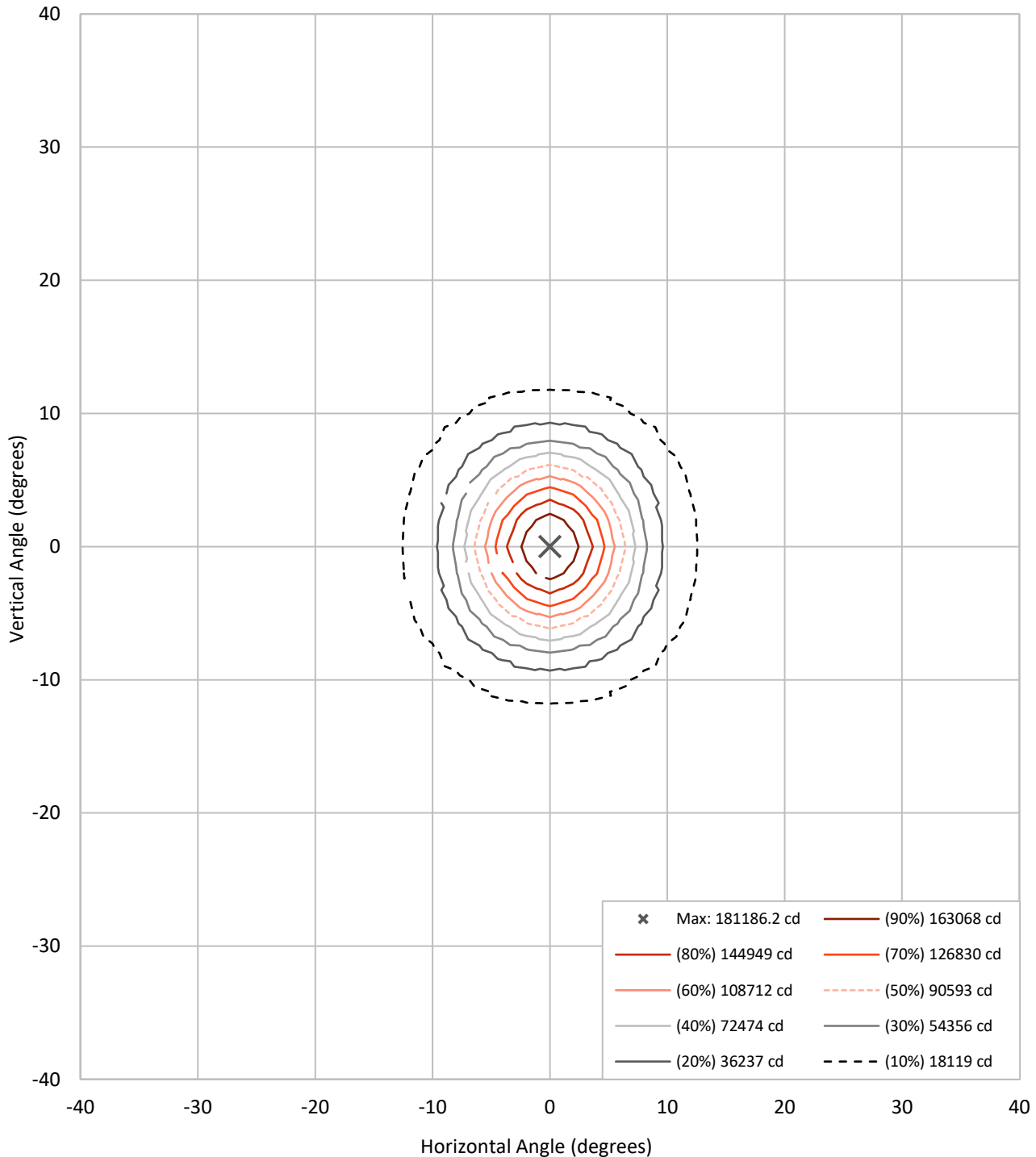
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	13133.6 lumens	Max Intensity:	181186.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	4150 lumens	Field Lumens:	9193.7 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 126
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: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





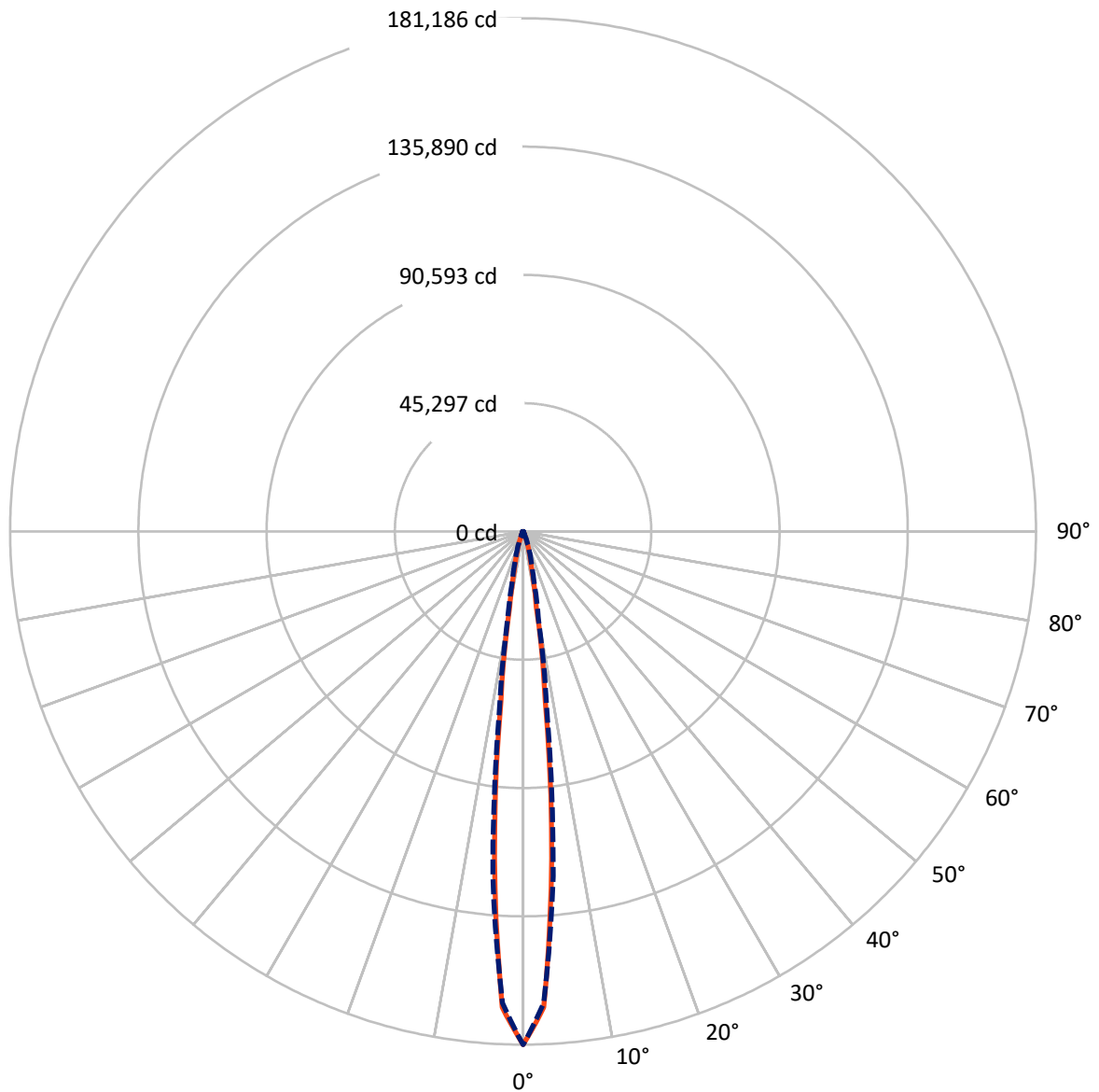
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Lumen Table

90	0.2	1.5		4.2		6.8		7.9		6.8		4.2		1.5		0.2			
80	0.2	1.5		4.2		6.8		7.9		6.8		4.2		1.5		0.2			
70	0.7	0.8	1.7	2.8	3.8	4.7	5.4	5.7	5.7	5.4	4.7	3.8	2.8	1.7	0.8	0.7			
60		1.2	2.5	3.8	5.0	5.9	6.4	6.7	6.7	6.4	5.9	5.0	3.8	2.5	1.2				
50	1.3	1.7	3.1	4.5	5.6	6.5	7.3	7.7	7.7	7.3	6.5	5.6	4.5	3.1	1.7	1.3			
40		2.0	3.5	4.8	6.2	8.0	10.0	11.3	11.3	10.0	8.0	6.2	4.8	3.5	2.0				
30	1.7	2.2	3.7	5.2	7.3	11.3	25.2	45.8	45.8	25.2	11.3	7.3	5.2	3.7	2.2	1.7			
20		2.3	3.8	5.4	8.7	24.4	137.7	303.0	303.0	137.7	24.4	8.7	5.4	3.8	2.3				
10	1.8	2.4	3.8	5.6	9.6	46.8	330.6	2138.7	2138.7	330.6	46.8	9.6	5.6	3.8	2.4	1.8			
0		2.4	3.8	5.6	9.6	46.8	330.6	2138.7	2138.7	330.6	46.8	9.6	5.6	3.8	2.4				
-10	1.7	2.3	3.8	5.4	8.7	24.4	137.7	303.0	303.0	137.7	24.4	8.7	5.4	3.8	2.3	1.7			
-20		2.2	3.7	5.2	7.3	11.3	25.2	45.8	45.8	25.2	11.3	7.3	5.2	3.7	2.2				
-30	1.3	2.0	3.5	4.8	6.2	8.0	10.0	11.3	11.3	10.0	8.0	6.2	4.8	3.5	2.0	1.3			
-40		1.7	3.1	4.5	5.6	6.5	7.3	7.7	7.7	7.3	6.5	5.6	4.5	3.1	1.7				
-50	0.7	1.2	2.5	3.8	5.0	5.9	6.4	6.7	6.7	6.4	5.9	5.0	3.8	2.5	1.2	0.7			
-60		0.8	1.7	2.8	3.8	4.7	5.4	5.7	5.7	5.4	4.7	3.8	2.8	1.7	0.8				
-70	0.2	1.5		4.2		6.8		7.9		6.8		4.2		1.5		0.2			
-80		1.5		4.2		6.8		7.9		6.8		4.2		1.5					
-90	0.2	1.5		4.2		6.8		7.9		6.8		4.2		1.5		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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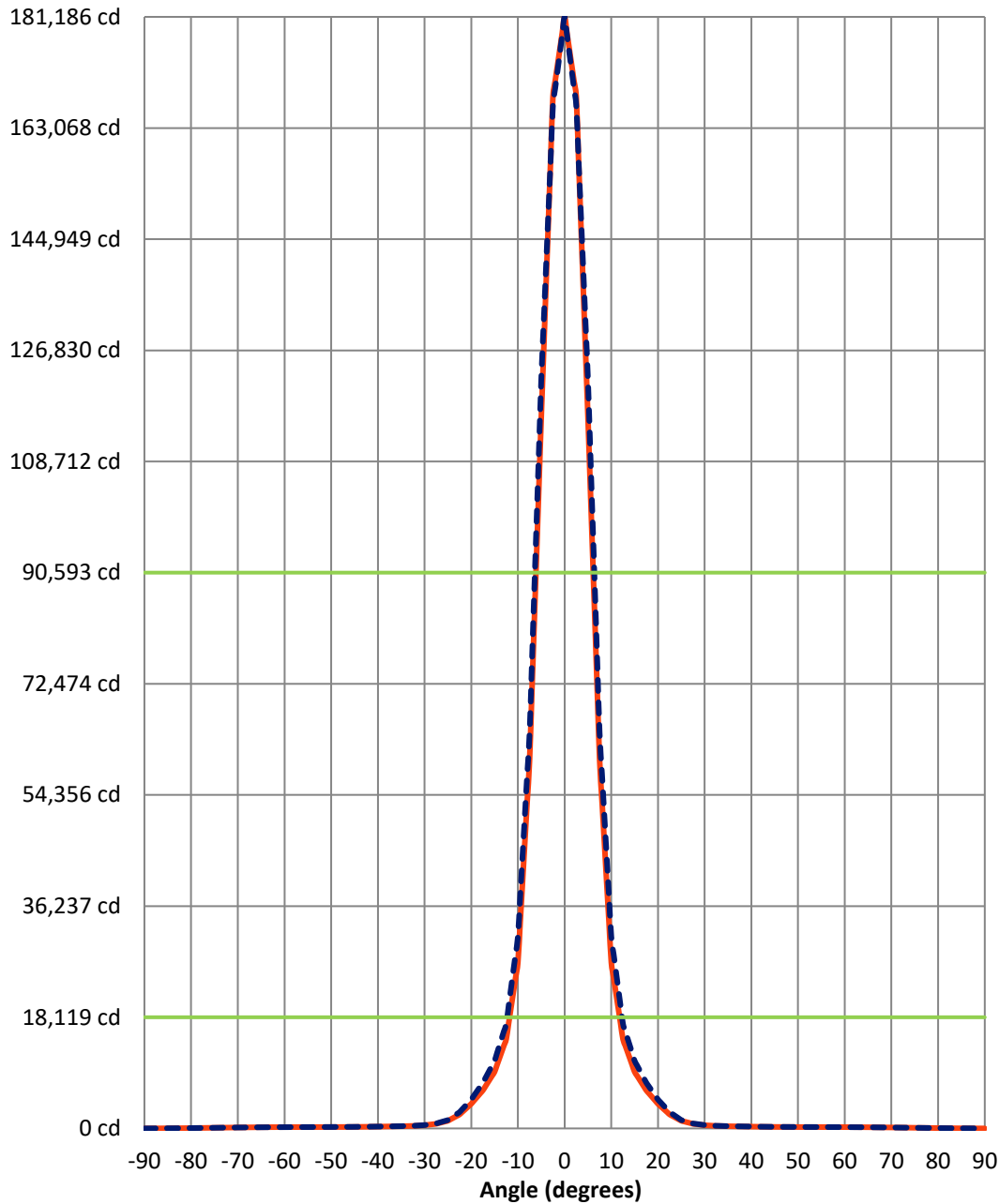
Luminous Intensity Polar Plot



— 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: 4150
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 9193.7
 Efficiency: 70.0%

Spill:
 Lumens: 3939.9
 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	0.4	0.9	1.2	1.6	1.9	2.2	2.6	2.9	3.3	3.6
85°	0.0	0.9	1.7	2.5	3.2	3.8	4.4	5.1	5.8	6.5	7.2
82.5°	0.0	1.3	2.6	3.7	4.8	5.7	6.6	7.6	8.8	10.4	12.1
80°	0.0	1.7	3.4	4.9	6.3	7.6	8.9	11.0	13.1	15.4	17.7
77.5°	0.0	2.1	4.2	6.2	7.9	9.8	12.0	14.6	17.4	20.3	23.4
75°	0.0	2.5	5.1	7.4	9.6	12.3	15.1	18.3	21.7	25.7	29.4
72.5°	0.0	2.9	5.9	8.6	11.6	14.9	18.2	22.1	26.8	31.2	35.4
70°	0.0	3.4	6.7	9.8	13.6	17.4	21.3	26.6	31.8	36.8	43.6
67.5°	0.0	3.7	7.5	11.3	15.6	19.9	25.2	31.0	36.8	44.3	52.1
65°	0.0	4.1	8.3	12.8	17.6	22.7	28.9	35.3	43.2	51.7	60.7
62.5°	0.0	4.5	9.0	14.2	19.5	25.7	32.6	40.4	49.4	59.0	69.5
60°	0.0	4.9	9.8	15.7	21.4	28.7	36.2	45.6	55.5	66.8	78.2
57.5°	0.0	5.3	10.7	17.1	23.7	31.6	40.5	50.6	62.1	74.4	87.0
55°	0.0	5.6	11.6	18.4	25.9	34.3	44.7	55.6	68.7	82.0	95.6
52.5°	0.0	6.0	12.4	19.7	28.0	37.2	48.8	61.2	75.1	89.5	104.1
50°	0.0	6.3	13.3	21.0	30.1	40.5	52.8	66.6	81.4	96.9	112.5
47.5°	0.0	6.6	14.1	22.3	32.0	43.7	56.7	71.9	87.7	104.0	120.6
45°	0.0	6.9	14.8	23.7	33.9	46.8	61.0	77.0	93.8	111.1	128.6
42.5°	0.0	7.2	15.6	25.0	35.7	49.7	65.2	82.0	99.7	118.0	135.3
40°	0.0	7.5	16.3	26.3	37.7	52.5	69.1	86.9	105.4	124.6	141.7
37.5°	0.0	7.8	16.9	27.5	39.9	55.2	72.8	91.5	110.9	130.6	147.7
35°	0.0	8.0	17.6	28.6	41.9	58.0	76.2	95.9	116.1	135.6	153.2
32.5°	0.0	8.3	18.2	29.6	43.8	60.7	79.5	100.0	121.0	140.4	157.9
30°	0.0	8.5	18.7	30.5	45.6	63.2	82.8	103.9	125.5	144.8	162.3
27.5°	0.0	8.7	19.2	31.4	47.2	65.5	85.9	107.6	129.4	148.8	166.3
25°	0.0	8.9	19.7	32.2	48.7	67.7	88.7	110.9	132.7	152.3	170.0
22.5°	0.0	9.1	20.1	32.9	50.0	69.6	91.2	113.9	135.7	155.3	172.8
20°	0.0	9.2	20.5	33.5	51.3	71.4	93.5	116.5	138.3	157.9	175.3
17.5°	0.0	9.3	20.9	34.0	52.4	72.9	95.6	118.8	140.7	160.3	177.5
15°	0.0	9.5	21.2	34.4	53.3	74.3	97.4	120.8	142.7	162.3	179.5
12.5°	0.0	9.6	21.4	34.8	54.2	75.5	99.0	122.5	144.4	164.0	181.2
10°	0.0	9.7	21.6	35.1	54.9	76.4	100.2	123.8	145.7	165.3	182.5
7.5°	0.0	9.7	21.8	35.3	55.4	77.1	101.2	124.7	146.7	166.3	183.5
5°	0.0	9.8	21.9	35.4	55.8	77.7	101.9	125.4	147.3	166.9	184.1
2.5°	0.0	9.8	22.0	35.4	56.0	78.0	102.4	125.6	147.6	167.2	184.3
0°	0.0	9.8	22.0	35.4	56.1	78.1	102.5	125.6	147.6	167.1	184.2
-2.5°	0.0	9.8	22.0	35.4	56.0	78.0	102.4	125.6	147.6	167.2	184.3
-5°	0.0	9.8	21.9	35.4	55.8	77.7	101.9	125.4	147.3	166.9	184.1
-7.5°	0.0	9.7	21.8	35.3	55.4	77.1	101.2	124.7	146.7	166.3	183.5
-10°	0.0	9.7	21.6	35.1	54.9	76.4	100.2	123.8	145.7	165.3	182.5
-12.5°	0.0	9.6	21.4	34.8	54.2	75.5	99.0	122.5	144.4	164.0	181.2
-15°	0.0	9.5	21.2	34.4	53.3	74.3	97.4	120.8	142.7	162.3	179.5
-17.5°	0.0	9.3	20.9	34.0	52.4	72.9	95.6	118.8	140.7	160.3	177.5
-20°	0.0	9.2	20.5	33.5	51.3	71.4	93.5	116.5	138.3	157.9	175.3



REPORT NUMBER: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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	9.1	20.1	32.9	50.0	69.6	91.2	113.9	135.7	155.3	172.8
-25°	0.0	8.9	19.7	32.2	48.7	67.7	88.7	110.9	132.7	152.3	170.0
-27.5°	0.0	8.7	19.2	31.4	47.2	65.5	85.9	107.6	129.4	148.8	166.3
-30°	0.0	8.5	18.7	30.5	45.6	63.2	82.8	103.9	125.5	144.8	162.3
-32.5°	0.0	8.3	18.2	29.6	43.8	60.7	79.5	100.0	121.0	140.4	157.9
-35°	0.0	8.0	17.6	28.6	41.9	58.0	76.2	95.9	116.1	135.6	153.2
-37.5°	0.0	7.8	16.9	27.5	39.9	55.2	72.8	91.5	110.9	130.6	147.7
-40°	0.0	7.5	16.3	26.3	37.7	52.5	69.1	86.9	105.4	124.6	141.7
-42.5°	0.0	7.2	15.6	25.0	35.7	49.7	65.2	82.0	99.7	118.0	135.3
-45°	0.0	6.9	14.8	23.7	33.9	46.8	61.0	77.0	93.8	111.1	128.6
-47.5°	0.0	6.6	14.1	22.3	32.0	43.7	56.7	71.9	87.7	104.0	120.6
-50°	0.0	6.3	13.3	21.0	30.1	40.5	52.8	66.6	81.4	96.9	112.5
-52.5°	0.0	6.0	12.4	19.7	28.0	37.2	48.8	61.2	75.1	89.5	104.1
-55°	0.0	5.6	11.6	18.4	25.9	34.3	44.7	55.6	68.7	82.0	95.6
-57.5°	0.0	5.3	10.7	17.1	23.7	31.6	40.5	50.6	62.1	74.4	87.0
-60°	0.0	4.9	9.8	15.7	21.4	28.7	36.2	45.6	55.5	66.8	78.2
-62.5°	0.0	4.5	9.0	14.2	19.5	25.7	32.6	40.4	49.4	59.0	69.5
-65°	0.0	4.1	8.3	12.8	17.6	22.7	28.9	35.3	43.2	51.7	60.7
-67.5°	0.0	3.7	7.5	11.3	15.6	19.9	25.2	31.0	36.8	44.3	52.1
-70°	0.0	3.4	6.7	9.8	13.6	17.4	21.3	26.6	31.8	36.8	43.6
-72.5°	0.0	2.9	5.9	8.6	11.6	14.9	18.2	22.1	26.8	31.2	35.4
-75°	0.0	2.5	5.1	7.4	9.6	12.3	15.1	18.3	21.7	25.7	29.4
-77.5°	0.0	2.1	4.2	6.2	7.9	9.8	12.0	14.6	17.4	20.3	23.4
-80°	0.0	1.7	3.4	4.9	6.3	7.6	8.9	11.0	13.1	15.4	17.7
-82.5°	0.0	1.3	2.6	3.7	4.8	5.7	6.6	7.6	8.8	10.4	12.1
-85°	0.0	0.9	1.7	2.5	3.2	3.8	4.4	5.1	5.8	6.5	7.2
-87.5°	0.0	0.4	0.9	1.2	1.6	1.9	2.2	2.6	2.9	3.3	3.6
-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-SA4B-927-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°	3.9	4.2	4.6	4.9	5.2	5.5	5.7	6.0	6.3	6.5	6.7
85°	7.8	8.5	9.4	10.1	10.8	11.5	12.0	12.6	13.3	14.0	14.8
82.5°	13.4	14.6	15.6	16.4	17.3	18.1	19.1	20.5	22.3	24.1	25.8
80°	19.4	20.8	22.7	24.8	27.1	29.3	31.4	33.4	35.6	37.9	40.4
77.5°	26.0	28.8	31.8	35.1	38.2	41.9	45.6	49.3	52.7	55.7	58.3
75°	32.9	36.7	41.7	46.8	51.6	56.4	61.2	66.0	70.1	73.9	77.7
72.5°	41.0	47.1	53.1	59.0	65.3	71.2	76.8	82.1	87.4	92.6	97.5
70°	50.6	57.6	64.9	72.3	79.5	86.1	92.6	99.2	105.8	111.6	116.9
67.5°	60.2	68.6	77.0	85.4	93.2	100.8	108.4	116.1	123.3	129.5	135.0
65°	70.2	79.5	88.9	97.9	106.4	115.3	124.0	132.4	139.2	144.9	150.4
62.5°	79.9	90.4	100.6	110.4	120.1	129.8	138.2	145.8	152.8	159.0	164.9
60°	89.8	101.2	112.3	123.1	133.4	142.3	150.8	158.4	165.4	172.2	177.2
57.5°	99.6	111.9	123.9	135.0	144.9	154.0	162.2	170.2	176.3	181.7	187.2
55°	109.2	122.4	134.7	145.7	155.7	164.5	172.7	179.4	185.5	190.6	195.9
52.5°	118.6	132.4	144.6	155.7	165.3	174.0	181.3	187.8	193.5	198.8	203.2
50°	127.8	141.3	154.0	164.5	174.0	182.1	189.0	195.3	200.9	205.7	209.7
47.5°	136.0	150.0	161.9	172.7	181.7	189.4	196.0	202.1	207.6	211.8	215.7
45°	143.6	157.4	169.5	179.7	188.6	195.8	202.3	208.6	213.1	217.3	220.3
42.5°	150.9	164.3	176.1	186.6	194.5	201.5	208.1	213.4	218.2	221.8	225.1
40°	157.1	170.9	182.2	191.8	199.8	206.6	212.6	218.0	222.6	226.2	229.7
37.5°	163.0	176.3	187.7	196.7	204.2	210.8	216.8	221.8	226.4	230.2	235.0
35°	168.7	181.4	192.0	200.8	208.1	214.6	220.3	225.5	230.0	235.2	240.8
32.5°	173.5	186.2	196.1	204.1	211.3	218.0	223.6	228.9	234.1	240.1	246.9
30°	177.5	189.8	199.6	207.1	214.3	220.6	226.7	232.4	238.1	245.2	254.1
27.5°	181.2	193.1	202.2	209.7	216.9	222.8	229.3	235.7	242.4	250.6	261.9
25°	184.6	196.1	204.5	212.1	218.8	224.9	231.6	238.2	246.5	257.4	272.1
22.5°	187.4	198.8	206.4	214.2	220.4	226.9	233.7	241.0	250.5	263.7	282.9
20°	189.7	200.5	208.1	215.8	221.7	228.6	235.5	243.5	254.8	272.0	294.3
17.5°	191.7	201.9	209.5	216.8	223.0	230.0	237.1	245.5	258.4	279.8	304.8
15°	193.5	203.1	210.7	217.6	224.1	231.1	238.6	248.2	263.2	287.3	314.3
12.5°	195.1	204.0	211.5	218.2	224.9	231.9	239.8	250.4	268.2	294.4	323.6
10°	196.4	204.7	212.1	218.6	225.6	232.3	240.8	251.9	271.8	298.3	329.2
7.5°	197.2	205.3	212.6	218.8	226.0	232.4	241.5	252.6	274.1	300.4	332.2
5°	197.6	205.7	213.1	219.2	226.4	232.7	242.0	252.7	275.0	300.8	333.3
2.5°	197.8	206.0	213.4	219.5	226.8	233.6	243.2	254.1	275.8	302.3	334.1
0°	197.6	206.1	213.5	219.6	226.9	234.2	244.0	254.9	275.7	303.7	334.2
-2.5°	197.8	206.0	213.4	219.5	226.8	233.6	243.2	254.1	275.8	302.3	334.1
-5°	197.6	205.7	213.1	219.2	226.4	232.7	242.0	252.7	275.0	300.8	333.3
-7.5°	197.2	205.3	212.6	218.8	226.0	232.4	241.5	252.6	274.1	300.4	332.2
-10°	196.4	204.7	212.1	218.6	225.6	232.3	240.8	251.9	271.8	298.3	329.2
-12.5°	195.1	204.0	211.5	218.2	224.9	231.9	239.8	250.4	268.2	294.4	323.6
-15°	193.5	203.1	210.7	217.6	224.1	231.1	238.6	248.2	263.2	287.3	314.3
-17.5°	191.7	201.9	209.5	216.8	223.0	230.0	237.1	245.5	258.4	279.8	304.8
-20°	189.7	200.5	208.1	215.8	221.7	228.6	235.5	243.5	254.8	272.0	294.3



REPORT NUMBER: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	187.4	198.8	206.4	214.2	220.4	226.9	233.7	241.0	250.5	263.7	282.9
-25°	184.6	196.1	204.5	212.1	218.8	224.9	231.6	238.2	246.5	257.4	272.1
-27.5°	181.2	193.1	202.2	209.7	216.9	222.8	229.3	235.7	242.4	250.6	261.9
-30°	177.5	189.8	199.6	207.1	214.3	220.6	226.7	232.4	238.1	245.2	254.1
-32.5°	173.5	186.2	196.1	204.1	211.3	218.0	223.6	228.9	234.1	240.1	246.9
-35°	168.7	181.4	192.0	200.8	208.1	214.6	220.3	225.5	230.0	235.2	240.8
-37.5°	163.0	176.3	187.7	196.7	204.2	210.8	216.8	221.8	226.4	230.2	235.0
-40°	157.1	170.9	182.2	191.8	199.8	206.6	212.6	218.0	222.6	226.2	229.7
-42.5°	150.9	164.3	176.1	186.6	194.5	201.5	208.1	213.4	218.2	221.8	225.1
-45°	143.6	157.4	169.5	179.7	188.6	195.8	202.3	208.6	213.1	217.3	220.3
-47.5°	136.0	150.0	161.9	172.7	181.7	189.4	196.0	202.1	207.6	211.8	215.7
-50°	127.8	141.3	154.0	164.5	174.0	182.1	189.0	195.3	200.9	205.7	209.7
-52.5°	118.6	132.4	144.6	155.7	165.3	174.0	181.3	187.8	193.5	198.8	203.2
-55°	109.2	122.4	134.7	145.7	155.7	164.5	172.7	179.4	185.5	190.6	195.9
-57.5°	99.6	111.9	123.9	135.0	144.9	154.0	162.2	170.2	176.3	181.7	187.2
-60°	89.8	101.2	112.3	123.1	133.4	142.3	150.8	158.4	165.4	172.2	177.2
-62.5°	79.9	90.4	100.6	110.4	120.1	129.8	138.2	145.8	152.8	159.0	164.9
-65°	70.2	79.5	88.9	97.9	106.4	115.3	124.0	132.4	139.2	144.9	150.4
-67.5°	60.2	68.6	77.0	85.4	93.2	100.8	108.4	116.1	123.3	129.5	135.0
-70°	50.6	57.6	64.9	72.3	79.5	86.1	92.6	99.2	105.8	111.6	116.9
-72.5°	41.0	47.1	53.1	59.0	65.3	71.2	76.8	82.1	87.4	92.6	97.5
-75°	32.9	36.7	41.7	46.8	51.6	56.4	61.2	66.0	70.1	73.9	77.7
-77.5°	26.0	28.8	31.8	35.1	38.2	41.9	45.6	49.3	52.7	55.7	58.3
-80°	19.4	20.8	22.7	24.8	27.1	29.3	31.4	33.4	35.6	37.9	40.4
-82.5°	13.4	14.6	15.6	16.4	17.3	18.1	19.1	20.5	22.3	24.1	25.8
-85°	7.8	8.5	9.4	10.1	10.8	11.5	12.0	12.6	13.3	14.0	14.8
-87.5°	3.9	4.2	4.6	4.9	5.2	5.5	5.7	6.0	6.3	6.5	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: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	7.0	6.9	6.8	6.7	6.6	6.7	6.9	7.0	7.1	7.1	7.2
85°	15.5	16.2	16.8	17.5	18.2	18.7	19.1	19.5	19.8	20.1	20.3
82.5°	27.3	28.7	29.9	31.1	32.1	33.0	33.7	34.4	35.0	35.5	35.9
80°	42.6	44.7	46.7	48.5	50.2	51.6	52.7	53.7	54.5	55.3	56.0
77.5°	60.8	63.8	66.6	69.1	71.3	73.2	74.9	76.3	77.5	79.0	80.3
75°	81.6	85.1	88.3	91.3	94.0	96.4	98.6	100.4	102.0	103.6	105.0
72.5°	102.2	106.5	110.2	113.4	116.3	119.0	121.7	124.3	126.6	128.4	129.7
70°	121.7	126.1	130.0	133.6	137.0	140.4	144.0	147.2	150.2	152.1	153.2
67.5°	139.5	144.0	148.5	153.0	157.0	160.6	164.1	167.4	170.3	172.3	173.5
65°	155.7	160.6	165.5	170.0	174.3	177.4	180.6	183.6	186.5	188.8	190.5
62.5°	170.7	175.6	179.7	183.6	187.2	190.3	193.5	196.3	198.7	200.9	202.9
60°	182.2	187.1	191.2	194.8	198.2	201.3	203.8	205.8	207.5	208.8	210.1
57.5°	192.1	196.8	200.9	203.9	206.9	209.8	211.9	213.2	214.2	215.0	215.5
55°	200.6	204.4	207.8	211.1	214.0	216.6	218.4	219.3	219.9	220.2	220.5
52.5°	207.5	211.2	214.7	217.8	220.1	222.2	224.1	224.6	224.9	225.0	225.1
50°	213.7	217.3	220.1	222.7	225.1	227.0	228.6	229.4	229.8	229.9	229.7
47.5°	218.8	221.9	224.9	227.6	230.0	232.3	234.1	235.1	235.9	236.2	236.2
45°	223.2	226.8	230.1	233.2	236.0	239.0	241.5	243.2	244.9	246.1	246.6
42.5°	228.4	232.1	235.7	240.0	244.1	247.9	252.0	255.7	259.5	263.5	266.3
40°	233.8	237.7	243.2	248.5	254.4	259.7	268.5	277.2	283.8	289.4	294.5
37.5°	239.8	245.6	252.2	259.0	268.7	278.6	289.6	300.4	309.8	318.3	325.2
35°	246.8	254.6	262.7	274.8	287.0	299.3	312.5	326.8	339.0	347.9	354.3
32.5°	255.4	265.1	278.2	293.6	308.7	324.6	340.4	356.5	368.4	380.8	393.3
30°	264.9	278.9	295.8	314.6	333.3	352.4	372.3	394.5	415.6	438.3	470.8
27.5°	277.0	294.1	313.9	336.1	358.7	381.4	416.2	454.3	510.9	556.1	632.8
25°	289.9	309.9	333.6	359.3	386.9	427.6	491.2	566.4	699.7	803.2	960.0
22.5°	304.3	327.9	354.1	383.5	428.1	504.8	613.6	806.8	1075.7	1341.2	1636.4
20°	318.5	344.6	373.3	417.8	493.5	614.8	850.7	1268.4	1734.9	2399.2	2956.7
17.5°	332.0	359.7	396.0	456.4	569.6	813.7	1270.4	1985.9	2960.4	4031.1	4924.0
15°	343.8	372.1	421.1	516.6	708.0	1088.1	1777.7	2995.5	4632.8	6098.8	7406.4
12.5°	353.8	387.4	448.2	565.2	828.2	1390.8	2497.0	4226.2	6225.6	8281.6	9936.4
10°	361.1	403.5	484.4	655.2	1019.1	1751.0	3096.6	5277.7	7685.0	10184.0	13175.5
7.5°	365.5	415.1	511.9	722.0	1189.4	2152.1	3848.6	6216.6	8981.0	12392.4	16962.9
5°	368.6	422.9	532.3	772.3	1303.1	2417.2	4323.4	6927.9	10099.3	15031.9	24438.2
2.5°	370.2	426.4	543.9	799.9	1355.0	2553.6	4657.5	7335.2	10779.6	16893.9	29616.8
0°	369.6	424.5	545.2	806.3	1362.5	2657.8	4713.1	7451.5	11009.5	17060.7	31277.0
-2.5°	370.2	426.4	543.9	799.9	1355.0	2553.6	4657.5	7335.2	10779.6	16893.9	29616.8
-5°	368.6	422.9	532.3	772.3	1303.1	2417.2	4323.4	6927.9	10099.3	15031.9	24438.2
-7.5°	365.5	415.1	511.9	722.0	1189.4	2152.1	3848.6	6216.6	8981.0	12392.4	16962.9
-10°	361.1	403.5	484.4	655.2	1019.1	1751.0	3096.6	5277.7	7685.0	10184.0	13175.5
-12.5°	353.8	387.4	448.2	565.2	828.2	1390.8	2497.0	4226.2	6225.6	8281.6	9936.4
-15°	343.8	372.1	421.1	516.6	708.0	1088.1	1777.7	2995.5	4632.8	6098.8	7406.4
-17.5°	332.0	359.7	396.0	456.4	569.6	813.7	1270.4	1985.9	2960.4	4031.1	4924.0
-20°	318.5	344.6	373.3	417.8	493.5	614.8	850.7	1268.4	1734.9	2399.2	2956.7



REPORT NUMBER: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	304.3	327.9	354.1	383.5	428.1	504.8	613.6	806.8	1075.7	1341.2	1636.4
-25°	289.9	309.9	333.6	359.3	386.9	427.6	491.2	566.4	699.7	803.2	960.0
-27.5°	277.0	294.1	313.9	336.1	358.7	381.4	416.2	454.3	510.9	556.1	632.8
-30°	264.9	278.9	295.8	314.6	333.3	352.4	372.3	394.5	415.6	438.3	470.8
-32.5°	255.4	265.1	278.2	293.6	308.7	324.6	340.4	356.5	368.4	380.8	393.3
-35°	246.8	254.6	262.7	274.8	287.0	299.3	312.5	326.8	339.0	347.9	354.3
-37.5°	239.8	245.6	252.2	259.0	268.7	278.6	289.6	300.4	309.8	318.3	325.2
-40°	233.8	237.7	243.2	248.5	254.4	259.7	268.5	277.2	283.8	289.4	294.5
-42.5°	228.4	232.1	235.7	240.0	244.1	247.9	252.0	255.7	259.5	263.5	266.3
-45°	223.2	226.8	230.1	233.2	236.0	239.0	241.5	243.2	244.9	246.1	246.6
-47.5°	218.8	221.9	224.9	227.6	230.0	232.3	234.1	235.1	235.9	236.2	236.2
-50°	213.7	217.3	220.1	222.7	225.1	227.0	228.6	229.4	229.8	229.9	229.7
-52.5°	207.5	211.2	214.7	217.8	220.1	222.2	224.1	224.6	224.9	225.0	225.1
-55°	200.6	204.4	207.8	211.1	214.0	216.6	218.4	219.3	219.9	220.2	220.5
-57.5°	192.1	196.8	200.9	203.9	206.9	209.8	211.9	213.2	214.2	215.0	215.5
-60°	182.2	187.1	191.2	194.8	198.2	201.3	203.8	205.8	207.5	208.8	210.1
-62.5°	170.7	175.6	179.7	183.6	187.2	190.3	193.5	196.3	198.7	200.9	202.9
-65°	155.7	160.6	165.5	170.0	174.3	177.4	180.6	183.6	186.5	188.8	190.5
-67.5°	139.5	144.0	148.5	153.0	157.0	160.6	164.1	167.4	170.3	172.3	173.5
-70°	121.7	126.1	130.0	133.6	137.0	140.4	144.0	147.2	150.2	152.1	153.2
-72.5°	102.2	106.5	110.2	113.4	116.3	119.0	121.7	124.3	126.6	128.4	129.7
-75°	81.6	85.1	88.3	91.3	94.0	96.4	98.6	100.4	102.0	103.6	105.0
-77.5°	60.8	63.8	66.6	69.1	71.3	73.2	74.9	76.3	77.5	79.0	80.3
-80°	42.6	44.7	46.7	48.5	50.2	51.6	52.7	53.7	54.5	55.3	56.0
-82.5°	27.3	28.7	29.9	31.1	32.1	33.0	33.7	34.4	35.0	35.5	35.9
-85°	15.5	16.2	16.8	17.5	18.2	18.7	19.1	19.5	19.8	20.1	20.3
-87.5°	7.0	6.9	6.8	6.7	6.6	6.7	6.9	7.0	7.1	7.1	7.2
-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: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.1	7.0
85°	20.5	20.6	20.7	20.7	20.7	20.6	20.5	20.3	20.1	19.8	19.5
82.5°	36.2	36.4	36.6	36.6	36.6	36.4	36.2	35.9	35.5	35.0	34.4
80°	56.6	57.0	57.2	57.3	57.2	57.0	56.6	56.0	55.3	54.5	53.7
77.5°	81.5	82.4	82.8	82.9	82.8	82.4	81.5	80.3	79.0	77.5	76.3
75°	106.0	106.7	107.2	107.3	107.2	106.7	106.0	105.0	103.6	102.0	100.4
72.5°	130.5	131.1	132.1	133.0	132.1	131.1	130.5	129.7	128.4	126.6	124.3
70°	153.9	154.2	155.3	156.1	155.3	154.2	153.9	153.2	152.1	150.2	147.2
67.5°	174.4	174.9	174.9	174.4	174.9	174.9	174.4	173.5	172.3	170.3	167.4
65°	191.9	193.1	193.2	192.7	193.2	193.1	191.9	190.5	188.8	186.5	183.6
62.5°	204.8	206.6	207.2	207.4	207.2	206.6	204.8	202.9	200.9	198.7	196.3
60°	211.1	211.9	212.1	212.2	212.1	211.9	211.1	210.1	208.8	207.5	205.8
57.5°	215.8	215.8	215.8	215.9	215.8	215.8	215.8	215.5	215.0	214.2	213.2
55°	220.6	220.6	220.3	219.6	220.3	220.6	220.6	220.5	220.2	219.9	219.3
52.5°	224.9	224.5	223.9	223.2	223.9	224.5	224.9	225.1	225.0	224.9	224.6
50°	229.2	228.4	228.0	228.1	228.0	228.4	229.2	229.7	229.9	229.8	229.4
47.5°	236.0	235.5	235.3	235.4	235.3	235.5	236.0	236.2	236.2	235.9	235.1
45°	246.8	246.4	246.2	246.4	246.2	246.4	246.8	246.6	246.1	244.9	243.2
42.5°	267.8	267.9	267.8	268.3	267.8	267.9	267.8	266.3	263.5	259.5	255.7
40°	296.6	296.4	295.4	295.2	295.4	296.4	296.6	294.5	289.4	283.8	277.2
37.5°	328.0	328.0	327.0	326.9	327.0	328.0	328.0	325.2	318.3	309.8	300.4
35°	357.6	358.7	358.5	357.4	358.5	358.7	357.6	354.3	347.9	339.0	326.8
32.5°	402.2	409.0	412.6	411.1	412.6	409.0	402.2	393.3	380.8	368.4	356.5
30°	491.2	508.8	518.0	522.1	518.0	508.8	491.2	470.8	438.3	415.6	394.5
27.5°	687.7	726.5	743.9	750.1	743.9	726.5	687.7	632.8	556.1	510.9	454.3
25°	1097.1	1184.7	1227.8	1241.7	1227.8	1184.7	1097.1	960.0	803.2	699.7	566.4
22.5°	1961.7	2130.3	2245.7	2271.2	2245.7	2130.3	1961.7	1636.4	1341.2	1075.7	806.8
20°	3517.3	3843.4	4020.4	4004.5	4020.4	3843.4	3517.3	2956.7	2399.2	1734.9	1268.4
17.5°	5683.1	6101.3	6300.4	6207.3	6300.4	6101.3	5683.1	4924.0	4031.1	2960.4	1985.9
15°	8331.1	8896.2	9142.7	9218.9	9142.7	8896.2	8331.1	7406.4	6098.8	4632.8	2995.5
12.5°	11588.3	13440.6	14326.5	14563.9	14326.5	13440.6	11588.3	9936.4	8281.6	6225.6	4226.2
10°	16235.3	22461.9	26165.6	27070.0	26165.6	22461.9	16235.3	13175.5	10184.0	7685.0	5277.7
7.5°	26513.5	39166.7	53341.3	60053.5	53341.3	39166.7	26513.5	16962.9	12392.4	8981.0	6216.6
5°	40433.1	70174.9	102993.1	115858.5	102993.1	70174.9	40433.1	24438.2	15031.9	10099.3	6927.9
2.5°	57354.6	105958.7	151305.5	168209.8	151305.5	105958.7	57354.6	29616.8	16893.9	10779.6	7335.2
0°	64503.7	122158.5	166705.9	181186.2	166705.9	122158.5	64503.7	31277.0	17060.7	11009.5	7451.5
-2.5°	57354.6	105958.7	151305.5	168209.8	151305.5	105958.7	57354.6	29616.8	16893.9	10779.6	7335.2
-5°	40433.1	70174.9	102993.1	115858.5	102993.1	70174.9	40433.1	24438.2	15031.9	10099.3	6927.9
-7.5°	26513.5	39166.7	53341.3	60053.5	53341.3	39166.7	26513.5	16962.9	12392.4	8981.0	6216.6
-10°	16235.3	22461.9	26165.6	27070.0	26165.6	22461.9	16235.3	13175.5	10184.0	7685.0	5277.7
-12.5°	11588.3	13440.6	14326.5	14563.9	14326.5	13440.6	11588.3	9936.4	8281.6	6225.6	4226.2
-15°	8331.1	8896.2	9142.7	9218.9	9142.7	8896.2	8331.1	7406.4	6098.8	4632.8	2995.5
-17.5°	5683.1	6101.3	6300.4	6207.3	6300.4	6101.3	5683.1	4924.0	4031.1	2960.4	1985.9
-20°	3517.3	3843.4	4020.4	4004.5	4020.4	3843.4	3517.3	2956.7	2399.2	1734.9	1268.4



REPORT NUMBER: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	1961.7	2130.3	2245.7	2271.2	2245.7	2130.3	1961.7	1636.4	1341.2	1075.7	806.8
-25°	1097.1	1184.7	1227.8	1241.7	1227.8	1184.7	1097.1	960.0	803.2	699.7	566.4
-27.5°	687.7	726.5	743.9	750.1	743.9	726.5	687.7	632.8	556.1	510.9	454.3
-30°	491.2	508.8	518.0	522.1	518.0	508.8	491.2	470.8	438.3	415.6	394.5
-32.5°	402.2	409.0	412.6	411.1	412.6	409.0	402.2	393.3	380.8	368.4	356.5
-35°	357.6	358.7	358.5	357.4	358.5	358.7	357.6	354.3	347.9	339.0	326.8
-37.5°	328.0	328.0	327.0	326.9	327.0	328.0	328.0	325.2	318.3	309.8	300.4
-40°	296.6	296.4	295.4	295.2	295.4	296.4	296.6	294.5	289.4	283.8	277.2
-42.5°	267.8	267.9	267.8	268.3	267.8	267.9	267.8	266.3	263.5	259.5	255.7
-45°	246.8	246.4	246.2	246.4	246.2	246.4	246.8	246.6	246.1	244.9	243.2
-47.5°	236.0	235.5	235.3	235.4	235.3	235.5	236.0	236.2	236.2	235.9	235.1
-50°	229.2	228.4	228.0	228.1	228.0	228.4	229.2	229.7	229.9	229.8	229.4
-52.5°	224.9	224.5	223.9	223.2	223.9	224.5	224.9	225.1	225.0	224.9	224.6
-55°	220.6	220.6	220.3	219.6	220.3	220.6	220.6	220.5	220.2	219.9	219.3
-57.5°	215.8	215.8	215.8	215.9	215.8	215.8	215.8	215.5	215.0	214.2	213.2
-60°	211.1	211.9	212.1	212.2	212.1	211.9	211.1	210.1	208.8	207.5	205.8
-62.5°	204.8	206.6	207.2	207.4	207.2	206.6	204.8	202.9	200.9	198.7	196.3
-65°	191.9	193.1	193.2	192.7	193.2	193.1	191.9	190.5	188.8	186.5	183.6
-67.5°	174.4	174.9	174.9	174.4	174.9	174.9	174.4	173.5	172.3	170.3	167.4
-70°	153.9	154.2	155.3	156.1	155.3	154.2	153.9	153.2	152.1	150.2	147.2
-72.5°	130.5	131.1	132.1	133.0	132.1	131.1	130.5	129.7	128.4	126.6	124.3
-75°	106.0	106.7	107.2	107.3	107.2	106.7	106.0	105.0	103.6	102.0	100.4
-77.5°	81.5	82.4	82.8	82.9	82.8	82.4	81.5	80.3	79.0	77.5	76.3
-80°	56.6	57.0	57.2	57.3	57.2	57.0	56.6	56.0	55.3	54.5	53.7
-82.5°	36.2	36.4	36.6	36.6	36.6	36.4	36.2	35.9	35.5	35.0	34.4
-85°	20.5	20.6	20.7	20.7	20.7	20.6	20.5	20.3	20.1	19.8	19.5
-87.5°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.1	7.0
-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: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	6.9	6.7	6.6	6.7	6.8	6.9	7.0	6.7	6.5	6.3	6.0
85°	19.1	18.7	18.2	17.5	16.8	16.2	15.5	14.8	14.0	13.3	12.6
82.5°	33.7	33.0	32.1	31.1	29.9	28.7	27.3	25.8	24.1	22.3	20.5
80°	52.7	51.6	50.2	48.5	46.7	44.7	42.6	40.4	37.9	35.6	33.4
77.5°	74.9	73.2	71.3	69.1	66.6	63.8	60.8	58.3	55.7	52.7	49.3
75°	98.6	96.4	94.0	91.3	88.3	85.1	81.6	77.7	73.9	70.1	66.0
72.5°	121.7	119.0	116.3	113.4	110.2	106.5	102.2	97.5	92.6	87.4	82.1
70°	144.0	140.4	137.0	133.6	130.0	126.1	121.7	116.9	111.6	105.8	99.2
67.5°	164.1	160.6	157.0	153.0	148.5	144.0	139.5	135.0	129.5	123.3	116.1
65°	180.6	177.4	174.3	170.0	165.5	160.6	155.7	150.4	144.9	139.2	132.4
62.5°	193.5	190.3	187.2	183.6	179.7	175.6	170.7	164.9	159.0	152.8	145.8
60°	203.8	201.3	198.2	194.8	191.2	187.1	182.2	177.2	172.2	165.4	158.4
57.5°	211.9	209.8	206.9	203.9	200.9	196.8	192.1	187.2	181.7	176.3	170.2
55°	218.4	216.6	214.0	211.1	207.8	204.4	200.6	195.9	190.6	185.5	179.4
52.5°	224.1	222.2	220.1	217.8	214.7	211.2	207.5	203.2	198.8	193.5	187.8
50°	228.6	227.0	225.1	222.7	220.1	217.3	213.7	209.7	205.7	200.9	195.3
47.5°	234.1	232.3	230.0	227.6	224.9	221.9	218.8	215.7	211.8	207.6	202.1
45°	241.5	239.0	236.0	233.2	230.1	226.8	223.2	220.3	217.3	213.1	208.6
42.5°	252.0	247.9	244.1	240.0	235.7	232.1	228.4	225.1	221.8	218.2	213.4
40°	268.5	259.7	254.4	248.5	243.2	237.7	233.8	229.7	226.2	222.6	218.0
37.5°	289.6	278.6	268.7	259.0	252.2	245.6	239.8	235.0	230.2	226.4	221.8
35°	312.5	299.3	287.0	274.8	262.7	254.6	246.8	240.8	235.2	230.0	225.5
32.5°	340.4	324.6	308.7	293.6	278.2	265.1	255.4	246.9	240.1	234.1	228.9
30°	372.3	352.4	333.3	314.6	295.8	278.9	264.9	254.1	245.2	238.1	232.4
27.5°	416.2	381.4	358.7	336.1	313.9	294.1	277.0	261.9	250.6	242.4	235.7
25°	491.2	427.6	386.9	359.3	333.6	309.9	289.9	272.1	257.4	246.5	238.2
22.5°	613.6	504.8	428.1	383.5	354.1	327.9	304.3	282.9	263.7	250.5	241.0
20°	850.7	614.8	493.5	417.8	373.3	344.6	318.5	294.3	272.0	254.8	243.5
17.5°	1270.4	813.7	569.6	456.4	396.0	359.7	332.0	304.8	279.8	258.4	245.5
15°	1777.7	1088.1	708.0	516.6	421.1	372.1	343.8	314.3	287.3	263.2	248.2
12.5°	2497.0	1390.8	828.2	565.2	448.2	387.4	353.8	323.6	294.4	268.2	250.4
10°	3096.6	1751.0	1019.1	655.2	484.4	403.5	361.1	329.2	298.3	271.8	251.9
7.5°	3848.6	2152.1	1189.4	722.0	511.9	415.1	365.5	332.2	300.4	274.1	252.6
5°	4323.4	2417.2	1303.1	772.3	532.3	422.9	368.6	333.3	300.8	275.0	252.7
2.5°	4657.5	2553.6	1355.0	799.9	543.9	426.4	370.2	334.1	302.3	275.8	254.1
0°	4713.1	2657.8	1362.5	806.3	545.2	424.5	369.6	334.2	303.7	275.7	254.9
-2.5°	4657.5	2553.6	1355.0	799.9	543.9	426.4	370.2	334.1	302.3	275.8	254.1
-5°	4323.4	2417.2	1303.1	772.3	532.3	422.9	368.6	333.3	300.8	275.0	252.7
-7.5°	3848.6	2152.1	1189.4	722.0	511.9	415.1	365.5	332.2	300.4	274.1	252.6
-10°	3096.6	1751.0	1019.1	655.2	484.4	403.5	361.1	329.2	298.3	271.8	251.9
-12.5°	2497.0	1390.8	828.2	565.2	448.2	387.4	353.8	323.6	294.4	268.2	250.4
-15°	1777.7	1088.1	708.0	516.6	421.1	372.1	343.8	314.3	287.3	263.2	248.2
-17.5°	1270.4	813.7	569.6	456.4	396.0	359.7	332.0	304.8	279.8	258.4	245.5
-20°	850.7	614.8	493.5	417.8	373.3	344.6	318.5	294.3	272.0	254.8	243.5



REPORT NUMBER: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	613.6	504.8	428.1	383.5	354.1	327.9	304.3	282.9	263.7	250.5	241.0
-25°	491.2	427.6	386.9	359.3	333.6	309.9	289.9	272.1	257.4	246.5	238.2
-27.5°	416.2	381.4	358.7	336.1	313.9	294.1	277.0	261.9	250.6	242.4	235.7
-30°	372.3	352.4	333.3	314.6	295.8	278.9	264.9	254.1	245.2	238.1	232.4
-32.5°	340.4	324.6	308.7	293.6	278.2	265.1	255.4	246.9	240.1	234.1	228.9
-35°	312.5	299.3	287.0	274.8	262.7	254.6	246.8	240.8	235.2	230.0	225.5
-37.5°	289.6	278.6	268.7	259.0	252.2	245.6	239.8	235.0	230.2	226.4	221.8
-40°	268.5	259.7	254.4	248.5	243.2	237.7	233.8	229.7	226.2	222.6	218.0
-42.5°	252.0	247.9	244.1	240.0	235.7	232.1	228.4	225.1	221.8	218.2	213.4
-45°	241.5	239.0	236.0	233.2	230.1	226.8	223.2	220.3	217.3	213.1	208.6
-47.5°	234.1	232.3	230.0	227.6	224.9	221.9	218.8	215.7	211.8	207.6	202.1
-50°	228.6	227.0	225.1	222.7	220.1	217.3	213.7	209.7	205.7	200.9	195.3
-52.5°	224.1	222.2	220.1	217.8	214.7	211.2	207.5	203.2	198.8	193.5	187.8
-55°	218.4	216.6	214.0	211.1	207.8	204.4	200.6	195.9	190.6	185.5	179.4
-57.5°	211.9	209.8	206.9	203.9	200.9	196.8	192.1	187.2	181.7	176.3	170.2
-60°	203.8	201.3	198.2	194.8	191.2	187.1	182.2	177.2	172.2	165.4	158.4
-62.5°	193.5	190.3	187.2	183.6	179.7	175.6	170.7	164.9	159.0	152.8	145.8
-65°	180.6	177.4	174.3	170.0	165.5	160.6	155.7	150.4	144.9	139.2	132.4
-67.5°	164.1	160.6	157.0	153.0	148.5	144.0	139.5	135.0	129.5	123.3	116.1
-70°	144.0	140.4	137.0	133.6	130.0	126.1	121.7	116.9	111.6	105.8	99.2
-72.5°	121.7	119.0	116.3	113.4	110.2	106.5	102.2	97.5	92.6	87.4	82.1
-75°	98.6	96.4	94.0	91.3	88.3	85.1	81.6	77.7	73.9	70.1	66.0
-77.5°	74.9	73.2	71.3	69.1	66.6	63.8	60.8	58.3	55.7	52.7	49.3
-80°	52.7	51.6	50.2	48.5	46.7	44.7	42.6	40.4	37.9	35.6	33.4
-82.5°	33.7	33.0	32.1	31.1	29.9	28.7	27.3	25.8	24.1	22.3	20.5
-85°	19.1	18.7	18.2	17.5	16.8	16.2	15.5	14.8	14.0	13.3	12.6
-87.5°	6.9	6.7	6.6	6.7	6.8	6.9	7.0	6.7	6.5	6.3	6.0
-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: P558880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	5.7	5.5	5.2	4.9	4.6	4.2	3.9	3.6	3.3	2.9	2.6
85°	12.0	11.5	10.8	10.1	9.4	8.5	7.8	7.2	6.5	5.8	5.1
82.5°	19.1	18.1	17.3	16.4	15.6	14.6	13.4	12.1	10.4	8.8	7.6
80°	31.4	29.3	27.1	24.8	22.7	20.8	19.4	17.7	15.4	13.1	11.0
77.5°	45.6	41.9	38.2	35.1	31.8	28.8	26.0	23.4	20.3	17.4	14.6
75°	61.2	56.4	51.6	46.8	41.7	36.7	32.9	29.4	25.7	21.7	18.3
72.5°	76.8	71.2	65.3	59.0	53.1	47.1	41.0	35.4	31.2	26.8	22.1
70°	92.6	86.1	79.5	72.3	64.9	57.6	50.6	43.6	36.8	31.8	26.6
67.5°	108.4	100.8	93.2	85.4	77.0	68.6	60.2	52.1	44.3	36.8	31.0
65°	124.0	115.3	106.4	97.9	88.9	79.5	70.2	60.7	51.7	43.2	35.3
62.5°	138.2	129.8	120.1	110.4	100.6	90.4	79.9	69.5	59.0	49.4	40.4
60°	150.8	142.3	133.4	123.1	112.3	101.2	89.8	78.2	66.8	55.5	45.6
57.5°	162.2	154.0	144.9	135.0	123.9	111.9	99.6	87.0	74.4	62.1	50.6
55°	172.7	164.5	155.7	145.7	134.7	122.4	109.2	95.6	82.0	68.7	55.6
52.5°	181.3	174.0	165.3	155.7	144.6	132.4	118.6	104.1	89.5	75.1	61.2
50°	189.0	182.1	174.0	164.5	154.0	141.3	127.8	112.5	96.9	81.4	66.6
47.5°	196.0	189.4	181.7	172.7	161.9	150.0	136.0	120.6	104.0	87.7	71.9
45°	202.3	195.8	188.6	179.7	169.5	157.4	143.6	128.6	111.1	93.8	77.0
42.5°	208.1	201.5	194.5	186.6	176.1	164.3	150.9	135.3	118.0	99.7	82.0
40°	212.6	206.6	199.8	191.8	182.2	170.9	157.1	141.7	124.6	105.4	86.9
37.5°	216.8	210.8	204.2	196.7	187.7	176.3	163.0	147.7	130.6	110.9	91.5
35°	220.3	214.6	208.1	200.8	192.0	181.4	168.7	153.2	135.6	116.1	95.9
32.5°	223.6	218.0	211.3	204.1	196.1	186.2	173.5	157.9	140.4	121.0	100.0
30°	226.7	220.6	214.3	207.1	199.6	189.8	177.5	162.3	144.8	125.5	103.9
27.5°	229.3	222.8	216.9	209.7	202.2	193.1	181.2	166.3	148.8	129.4	107.6
25°	231.6	224.9	218.8	212.1	204.5	196.1	184.6	170.0	152.3	132.7	110.9
22.5°	233.7	226.9	220.4	214.2	206.4	198.8	187.4	172.8	155.3	135.7	113.9
20°	235.5	228.6	221.7	215.8	208.1	200.5	189.7	175.3	157.9	138.3	116.5
17.5°	237.1	230.0	223.0	216.8	209.5	201.9	191.7	177.5	160.3	140.7	118.8
15°	238.6	231.1	224.1	217.6	210.7	203.1	193.5	179.5	162.3	142.7	120.8
12.5°	239.8	231.9	224.9	218.2	211.5	204.0	195.1	181.2	164.0	144.4	122.5
10°	240.8	232.3	225.6	218.6	212.1	204.7	196.4	182.5	165.3	145.7	123.8
7.5°	241.5	232.4	226.0	218.8	212.6	205.3	197.2	183.5	166.3	146.7	124.7
5°	242.0	232.7	226.4	219.2	213.1	205.7	197.6	184.1	166.9	147.3	125.4
2.5°	243.2	233.6	226.8	219.5	213.4	206.0	197.8	184.3	167.2	147.6	125.6
0°	244.0	234.2	226.9	219.6	213.5	206.1	197.6	184.2	167.1	147.6	125.6
-2.5°	243.2	233.6	226.8	219.5	213.4	206.0	197.8	184.3	167.2	147.6	125.6
-5°	242.0	232.7	226.4	219.2	213.1	205.7	197.6	184.1	166.9	147.3	125.4
-7.5°	241.5	232.4	226.0	218.8	212.6	205.3	197.2	183.5	166.3	146.7	124.7
-10°	240.8	232.3	225.6	218.6	212.1	204.7	196.4	182.5	165.3	145.7	123.8
-12.5°	239.8	231.9	224.9	218.2	211.5	204.0	195.1	181.2	164.0	144.4	122.5
-15°	238.6	231.1	224.1	217.6	210.7	203.1	193.5	179.5	162.3	142.7	120.8
-17.5°	237.1	230.0	223.0	216.8	209.5	201.9	191.7	177.5	160.3	140.7	118.8
-20°	235.5	228.6	221.7	215.8	208.1	200.5	189.7	175.3	157.9	138.3	116.5



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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°	233.7	226.9	220.4	214.2	206.4	198.8	187.4	172.8	155.3	135.7	113.9
-25°	231.6	224.9	218.8	212.1	204.5	196.1	184.6	170.0	152.3	132.7	110.9
-27.5°	229.3	222.8	216.9	209.7	202.2	193.1	181.2	166.3	148.8	129.4	107.6
-30°	226.7	220.6	214.3	207.1	199.6	189.8	177.5	162.3	144.8	125.5	103.9
-32.5°	223.6	218.0	211.3	204.1	196.1	186.2	173.5	157.9	140.4	121.0	100.0
-35°	220.3	214.6	208.1	200.8	192.0	181.4	168.7	153.2	135.6	116.1	95.9
-37.5°	216.8	210.8	204.2	196.7	187.7	176.3	163.0	147.7	130.6	110.9	91.5
-40°	212.6	206.6	199.8	191.8	182.2	170.9	157.1	141.7	124.6	105.4	86.9
-42.5°	208.1	201.5	194.5	186.6	176.1	164.3	150.9	135.3	118.0	99.7	82.0
-45°	202.3	195.8	188.6	179.7	169.5	157.4	143.6	128.6	111.1	93.8	77.0
-47.5°	196.0	189.4	181.7	172.7	161.9	150.0	136.0	120.6	104.0	87.7	71.9
-50°	189.0	182.1	174.0	164.5	154.0	141.3	127.8	112.5	96.9	81.4	66.6
-52.5°	181.3	174.0	165.3	155.7	144.6	132.4	118.6	104.1	89.5	75.1	61.2
-55°	172.7	164.5	155.7	145.7	134.7	122.4	109.2	95.6	82.0	68.7	55.6
-57.5°	162.2	154.0	144.9	135.0	123.9	111.9	99.6	87.0	74.4	62.1	50.6
-60°	150.8	142.3	133.4	123.1	112.3	101.2	89.8	78.2	66.8	55.5	45.6
-62.5°	138.2	129.8	120.1	110.4	100.6	90.4	79.9	69.5	59.0	49.4	40.4
-65°	124.0	115.3	106.4	97.9	88.9	79.5	70.2	60.7	51.7	43.2	35.3
-67.5°	108.4	100.8	93.2	85.4	77.0	68.6	60.2	52.1	44.3	36.8	31.0
-70°	92.6	86.1	79.5	72.3	64.9	57.6	50.6	43.6	36.8	31.8	26.6
-72.5°	76.8	71.2	65.3	59.0	53.1	47.1	41.0	35.4	31.2	26.8	22.1
-75°	61.2	56.4	51.6	46.8	41.7	36.7	32.9	29.4	25.7	21.7	18.3
-77.5°	45.6	41.9	38.2	35.1	31.8	28.8	26.0	23.4	20.3	17.4	14.6
-80°	31.4	29.3	27.1	24.8	22.7	20.8	19.4	17.7	15.4	13.1	11.0
-82.5°	19.1	18.1	17.3	16.4	15.6	14.6	13.4	12.1	10.4	8.8	7.6
-85°	12.0	11.5	10.8	10.1	9.4	8.5	7.8	7.2	6.5	5.8	5.1
-87.5°	5.7	5.5	5.2	4.9	4.6	4.2	3.9	3.6	3.3	2.9	2.6
-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°	2.2	1.9	1.6	1.2	0.9	0.4	0.0
85°	4.4	3.8	3.2	2.5	1.7	0.9	0.0
82.5°	6.6	5.7	4.8	3.7	2.6	1.3	0.0
80°	8.9	7.6	6.3	4.9	3.4	1.7	0.0
77.5°	12.0	9.8	7.9	6.2	4.2	2.1	0.0
75°	15.1	12.3	9.6	7.4	5.1	2.5	0.0
72.5°	18.2	14.9	11.6	8.6	5.9	2.9	0.0
70°	21.3	17.4	13.6	9.8	6.7	3.4	0.0
67.5°	25.2	19.9	15.6	11.3	7.5	3.7	0.0
65°	28.9	22.7	17.6	12.8	8.3	4.1	0.0
62.5°	32.6	25.7	19.5	14.2	9.0	4.5	0.0
60°	36.2	28.7	21.4	15.7	9.8	4.9	0.0
57.5°	40.5	31.6	23.7	17.1	10.7	5.3	0.0
55°	44.7	34.3	25.9	18.4	11.6	5.6	0.0
52.5°	48.8	37.2	28.0	19.7	12.4	6.0	0.0
50°	52.8	40.5	30.1	21.0	13.3	6.3	0.0
47.5°	56.7	43.7	32.0	22.3	14.1	6.6	0.0
45°	61.0	46.8	33.9	23.7	14.8	6.9	0.0
42.5°	65.2	49.7	35.7	25.0	15.6	7.2	0.0
40°	69.1	52.5	37.7	26.3	16.3	7.5	0.0
37.5°	72.8	55.2	39.9	27.5	16.9	7.8	0.0
35°	76.2	58.0	41.9	28.6	17.6	8.0	0.0
32.5°	79.5	60.7	43.8	29.6	18.2	8.3	0.0
30°	82.8	63.2	45.6	30.5	18.7	8.5	0.0
27.5°	85.9	65.5	47.2	31.4	19.2	8.7	0.0
25°	88.7	67.7	48.7	32.2	19.7	8.9	0.0
22.5°	91.2	69.6	50.0	32.9	20.1	9.1	0.0
20°	93.5	71.4	51.3	33.5	20.5	9.2	0.0
17.5°	95.6	72.9	52.4	34.0	20.9	9.3	0.0
15°	97.4	74.3	53.3	34.4	21.2	9.5	0.0
12.5°	99.0	75.5	54.2	34.8	21.4	9.6	0.0
10°	100.2	76.4	54.9	35.1	21.6	9.7	0.0
7.5°	101.2	77.1	55.4	35.3	21.8	9.7	0.0
5°	101.9	77.7	55.8	35.4	21.9	9.8	0.0
2.5°	102.4	78.0	56.0	35.4	22.0	9.8	0.0
0°	102.5	78.1	56.1	35.4	22.0	9.8	0.0
-2.5°	102.4	78.0	56.0	35.4	22.0	9.8	0.0
-5°	101.9	77.7	55.8	35.4	21.9	9.8	0.0
-7.5°	101.2	77.1	55.4	35.3	21.8	9.7	0.0
-10°	100.2	76.4	54.9	35.1	21.6	9.7	0.0
-12.5°	99.0	75.5	54.2	34.8	21.4	9.6	0.0
-15°	97.4	74.3	53.3	34.4	21.2	9.5	0.0
-17.5°	95.6	72.9	52.4	34.0	20.9	9.3	0.0
-20°	93.5	71.4	51.3	33.5	20.5	9.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	91.2	69.6	50.0	32.9	20.1	9.1	0.0
-25°	88.7	67.7	48.7	32.2	19.7	8.9	0.0
-27.5°	85.9	65.5	47.2	31.4	19.2	8.7	0.0
-30°	82.8	63.2	45.6	30.5	18.7	8.5	0.0
-32.5°	79.5	60.7	43.8	29.6	18.2	8.3	0.0
-35°	76.2	58.0	41.9	28.6	17.6	8.0	0.0
-37.5°	72.8	55.2	39.9	27.5	16.9	7.8	0.0
-40°	69.1	52.5	37.7	26.3	16.3	7.5	0.0
-42.5°	65.2	49.7	35.7	25.0	15.6	7.2	0.0
-45°	61.0	46.8	33.9	23.7	14.8	6.9	0.0
-47.5°	56.7	43.7	32.0	22.3	14.1	6.6	0.0
-50°	52.8	40.5	30.1	21.0	13.3	6.3	0.0
-52.5°	48.8	37.2	28.0	19.7	12.4	6.0	0.0
-55°	44.7	34.3	25.9	18.4	11.6	5.6	0.0
-57.5°	40.5	31.6	23.7	17.1	10.7	5.3	0.0
-60°	36.2	28.7	21.4	15.7	9.8	4.9	0.0
-62.5°	32.6	25.7	19.5	14.2	9.0	4.5	0.0
-65°	28.9	22.7	17.6	12.8	8.3	4.1	0.0
-67.5°	25.2	19.9	15.6	11.3	7.5	3.7	0.0
-70°	21.3	17.4	13.6	9.8	6.7	3.4	0.0
-72.5°	18.2	14.9	11.6	8.6	5.9	2.9	0.0
-75°	15.1	12.3	9.6	7.4	5.1	2.5	0.0
-77.5°	12.0	9.8	7.9	6.2	4.2	2.1	0.0
-80°	8.9	7.6	6.3	4.9	3.4	1.7	0.0
-82.5°	6.6	5.7	4.8	3.7	2.6	1.3	0.0
-85°	4.4	3.8	3.2	2.5	1.7	0.9	0.0
-87.5°	2.2	1.9	1.6	1.2	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)