

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: P558792 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558792 (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-SA3C-930-U-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

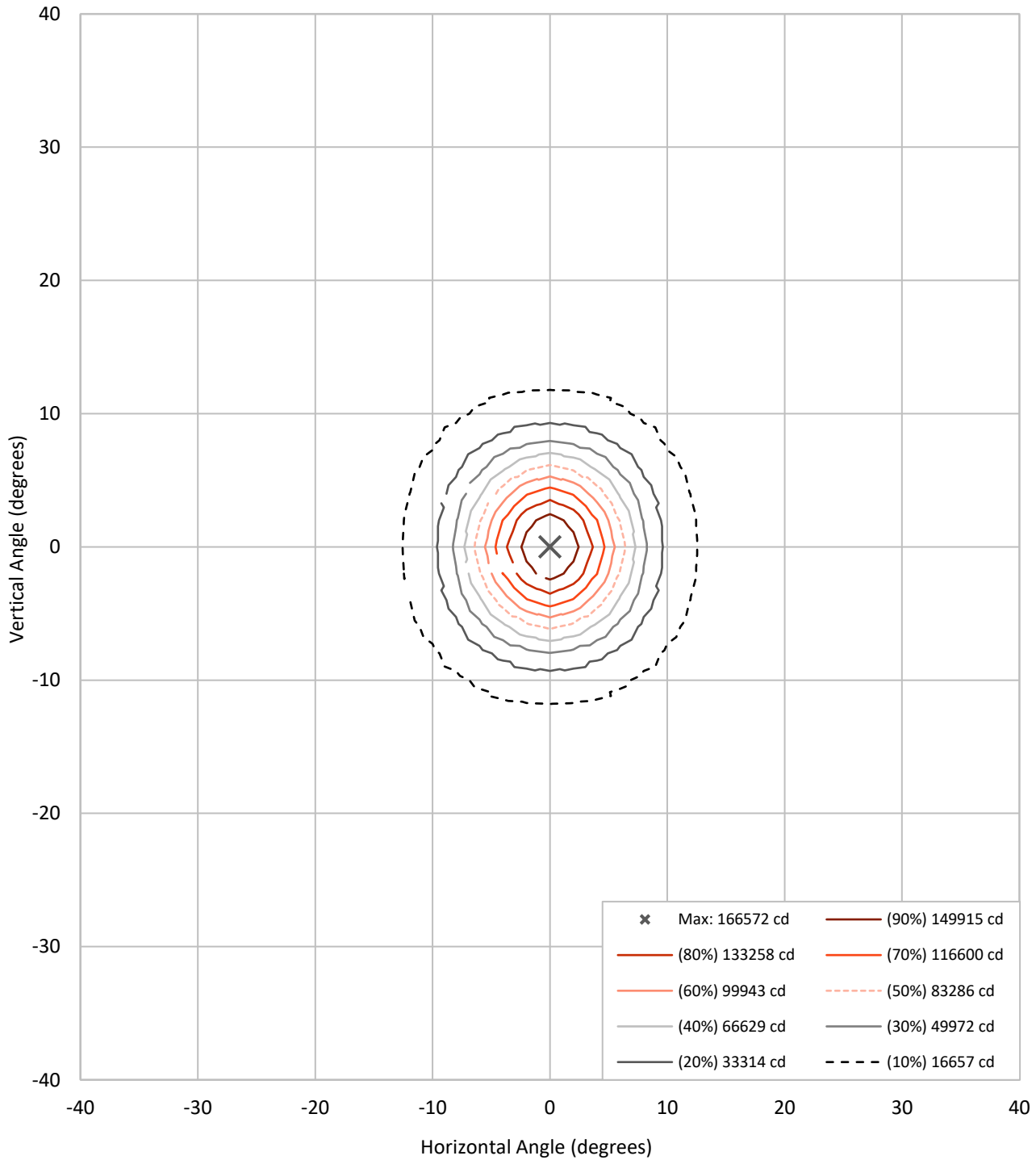
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	12074.3 lumens	Max Intensity:	166572 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3815.3 lumens	Field Lumens:	8452.1 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 119
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: P558792 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





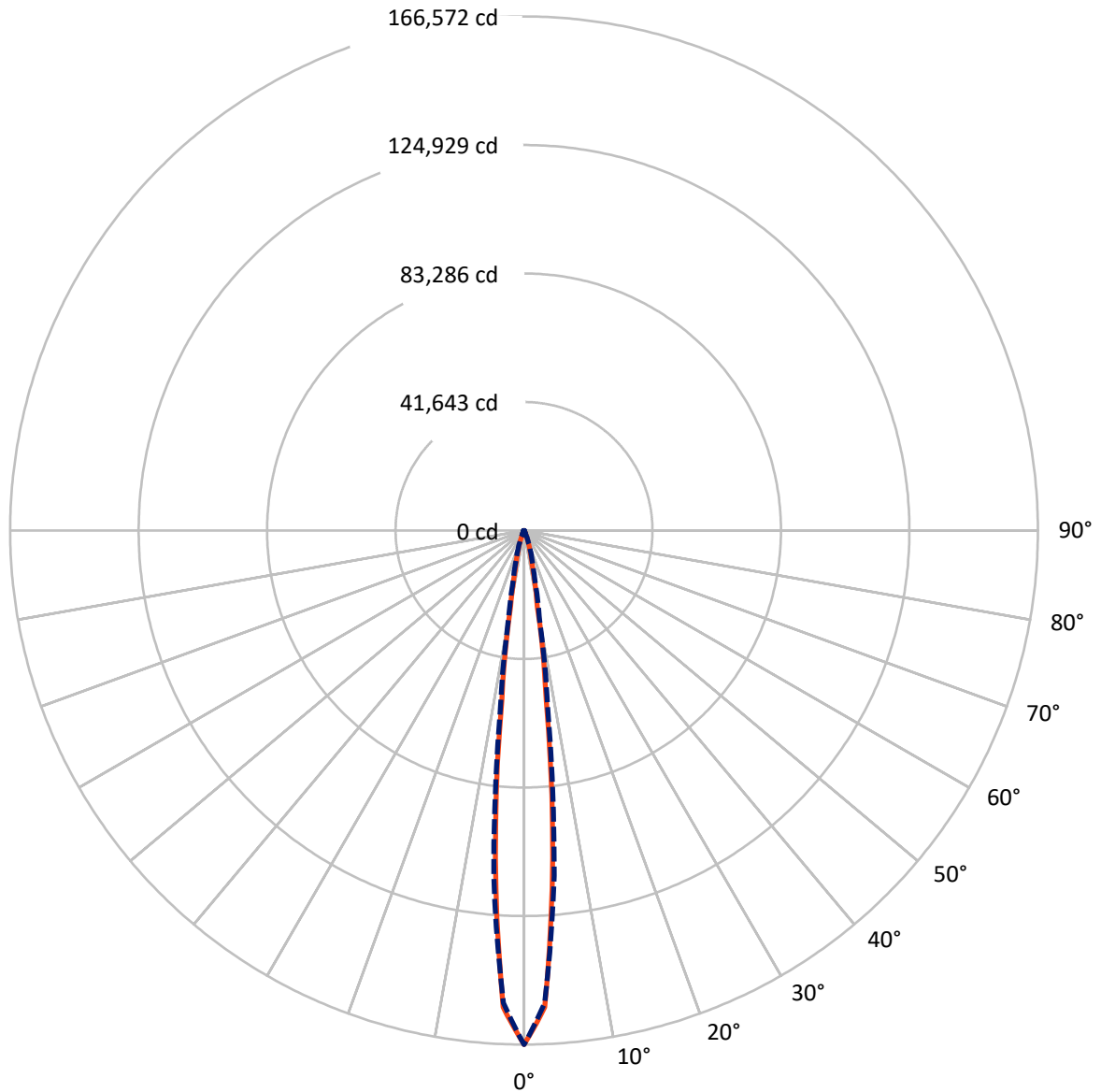
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Lumen Table

90	0.2	1.4	3.9	6.3	7.2	6.3	3.9	1.4	0.2							
80	0.2	1.4	3.9	6.3	7.2	6.3	3.9	1.4	0.2							
70	0.6	0.7	1.6	2.6	3.5	4.3	5.0	5.3	5.3	5.0	4.3	3.5	2.6	1.6	0.7	0.6
60		1.1	2.3	3.5	4.6	5.4	5.9	6.1	6.1	5.9	5.4	4.6	3.5	2.3	1.1	
50	1.2	1.5	2.9	4.1	5.1	6.0	6.7	7.0	7.0	6.7	6.0	5.1	4.1	2.9	1.5	1.2
40		1.8	3.2	4.5	5.7	7.4	9.2	10.4	10.4	9.2	7.4	5.7	4.5	3.2	1.8	
30	1.6	2.0	3.4	4.7	6.7	10.4	23.2	42.1	42.1	23.2	10.4	6.7	4.7	3.4	2.0	1.6
20		2.1	3.5	5.0	8.0	22.4	126.6	278.5	278.5	126.6	22.4	8.0	5.0	3.5	2.1	
10	1.7	2.2	3.5	5.1	8.8	43.0	303.9	1966.2	1966.2	303.9	43.0	8.8	5.1	3.5	2.2	1.7
0		2.2	3.5	5.1	8.8	43.0	303.9	1966.2	1966.2	303.9	43.0	8.8	5.1	3.5	2.2	
-10	1.6	2.1	3.5	5.0	8.0	22.4	126.6	278.5	278.5	126.6	22.4	8.0	5.0	3.5	2.1	1.6
-20		2.0	3.4	4.7	6.7	10.4	23.2	42.1	42.1	23.2	10.4	6.7	4.7	3.4	2.0	
-30	1.2	1.8	3.2	4.5	5.7	7.4	9.2	10.4	10.4	9.2	7.4	5.7	4.5	3.2	1.8	1.2
-40		1.5	2.9	4.1	5.1	6.0	6.7	7.0	7.0	6.7	6.0	5.1	4.1	2.9	1.5	
-50	0.6	1.1	2.3	3.5	4.6	5.4	5.9	6.1	6.1	5.9	5.4	4.6	3.5	2.3	1.1	0.6
-60		0.7	1.6	2.6	3.5	4.3	5.0	5.3	5.3	5.0	4.3	3.5	2.6	1.6	0.7	
-70	0.2	1.4	3.9	6.3	7.2	6.3	3.9	1.4	0.2							
-80		0.2	1.4	3.9	6.3	7.2	6.3	3.9	1.4	0.2						
-90	0.2	1.4	3.9	6.3	7.2	6.3	3.9	1.4	0.2							

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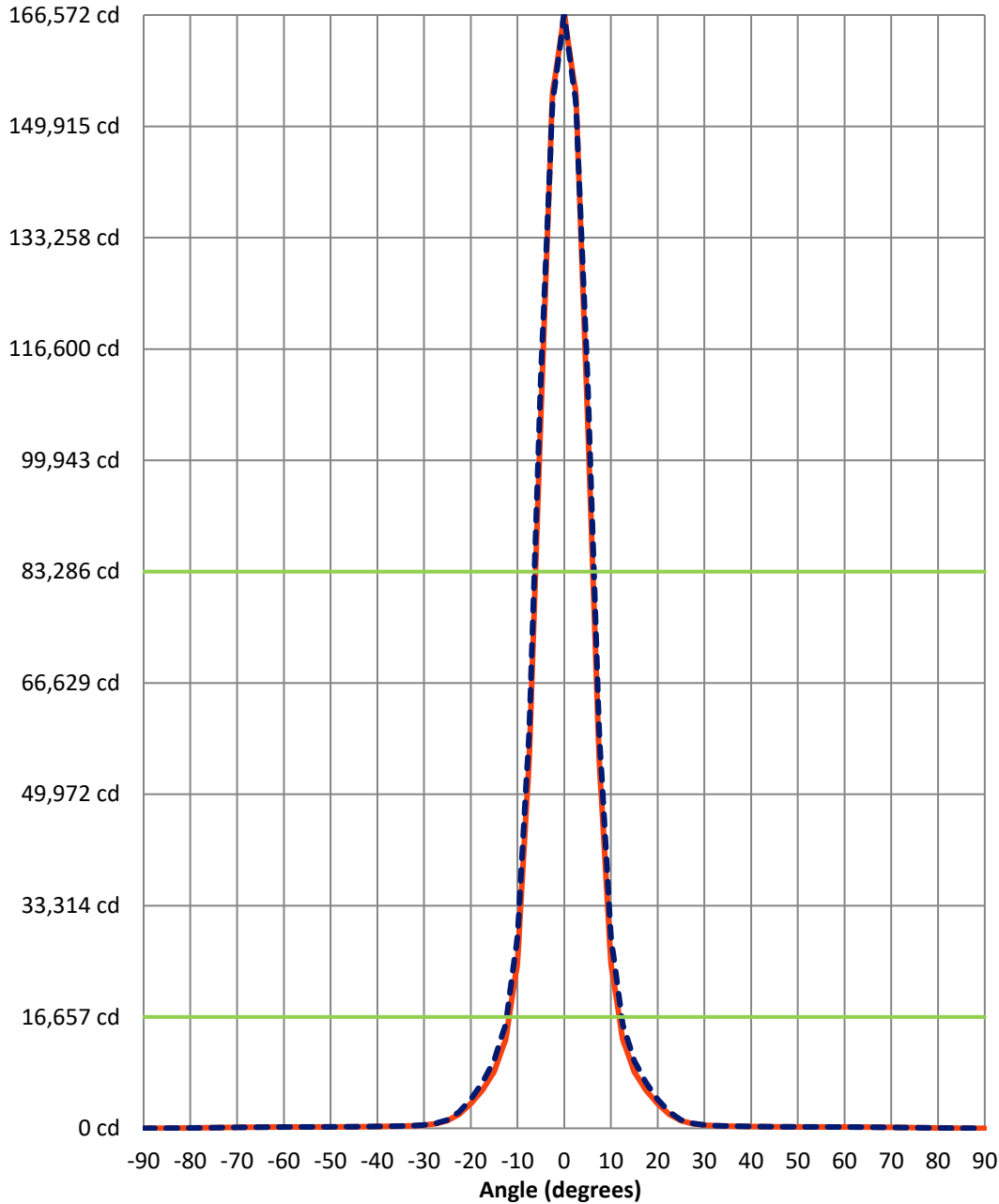
Luminous Intensity Polar Plot



— 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: 3815.3
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 8452.1
 Efficiency: 70.0%

Spill:
 Lumens: 3622.1
 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	1.1	1.5	1.8	2.0	2.3	2.7	3.0	3.3
85°	0.0	0.8	1.6	2.3	2.9	3.5	4.0	4.7	5.3	6.0	6.6
82.5°	0.0	1.2	2.3	3.4	4.4	5.3	6.1	7.0	8.1	9.6	11.1
80°	0.0	1.6	3.1	4.5	5.8	7.0	8.2	10.1	12.1	14.1	16.2
77.5°	0.0	1.9	3.9	5.6	7.3	9.0	11.1	13.5	16.0	18.7	21.5
75°	0.0	2.3	4.7	6.8	8.8	11.4	13.9	16.8	20.0	23.6	27.0
72.5°	0.0	2.7	5.4	7.9	10.7	13.7	16.8	20.4	24.6	28.7	32.5
70°	0.0	3.1	6.1	9.0	12.5	16.1	19.6	24.4	29.2	33.8	40.1
67.5°	0.0	3.4	6.9	10.4	14.4	18.4	23.2	28.5	33.8	40.7	47.9
65°	0.0	3.8	7.6	11.8	16.2	20.9	26.6	32.5	39.7	47.5	55.8
62.5°	0.0	4.2	8.3	13.1	18.0	23.7	30.0	37.1	45.4	54.3	63.9
60°	0.0	4.5	9.0	14.4	19.7	26.4	33.2	41.9	51.0	61.4	71.9
57.5°	0.0	4.8	9.8	15.7	21.8	29.0	37.2	46.5	57.1	68.4	79.9
55°	0.0	5.2	10.6	16.9	23.8	31.5	41.1	51.1	63.1	75.3	87.9
52.5°	0.0	5.5	11.4	18.1	25.7	34.1	44.9	56.2	69.0	82.3	95.7
50°	0.0	5.8	12.2	19.3	27.6	37.2	48.6	61.3	74.8	89.1	103.4
47.5°	0.0	6.1	12.9	20.5	29.4	40.1	52.2	66.1	80.6	95.6	110.9
45°	0.0	6.4	13.6	21.8	31.2	43.0	56.1	70.8	86.2	102.2	118.2
42.5°	0.0	6.6	14.3	23.0	32.8	45.7	59.9	75.3	91.6	108.5	124.5
40°	0.0	6.9	15.0	24.1	34.6	48.3	63.5	79.8	96.9	114.6	130.3
37.5°	0.0	7.1	15.6	25.2	36.6	50.8	66.9	84.1	102.0	120.1	135.9
35°	0.0	7.4	16.1	26.2	38.5	53.3	70.1	88.1	106.7	124.7	140.9
32.5°	0.0	7.6	16.7	27.2	40.2	55.8	73.1	91.9	111.2	129.1	145.2
30°	0.0	7.8	17.2	28.0	41.9	58.1	76.1	95.5	115.3	133.1	149.2
27.5°	0.0	8.0	17.7	28.8	43.4	60.3	78.9	98.8	118.9	136.9	152.9
25°	0.0	8.2	18.1	29.5	44.7	62.2	81.5	101.9	122.0	140.0	156.2
22.5°	0.0	8.3	18.5	30.2	46.0	64.0	83.9	104.6	124.7	142.8	158.8
20°	0.0	8.5	18.8	30.7	47.1	65.6	85.9	107.1	127.2	145.2	161.1
17.5°	0.0	8.6	19.2	31.2	48.2	67.1	87.8	109.2	129.3	147.3	163.2
15°	0.0	8.7	19.4	31.6	49.1	68.3	89.5	111.0	131.2	149.2	165.0
12.5°	0.0	8.8	19.7	32.0	49.8	69.4	90.9	112.6	132.7	150.7	166.5
10°	0.0	8.9	19.9	32.2	50.5	70.2	92.1	113.8	133.9	151.9	167.8
7.5°	0.0	8.9	20.0	32.4	50.9	70.9	93.0	114.7	134.9	152.8	168.6
5°	0.0	9.0	20.1	32.5	51.3	71.4	93.7	115.3	135.5	153.4	169.2
2.5°	0.0	9.0	20.2	32.5	51.5	71.7	94.1	115.5	135.7	153.7	169.4
0°	0.0	9.0	20.2	32.5	51.6	71.8	94.2	115.5	135.7	153.6	169.3
-2.5°	0.0	9.0	20.2	32.5	51.5	71.7	94.1	115.5	135.7	153.7	169.4
-5°	0.0	9.0	20.1	32.5	51.3	71.4	93.7	115.3	135.5	153.4	169.2
-7.5°	0.0	8.9	20.0	32.4	50.9	70.9	93.0	114.7	134.9	152.8	168.6
-10°	0.0	8.9	19.9	32.2	50.5	70.2	92.1	113.8	133.9	151.9	167.8
-12.5°	0.0	8.8	19.7	32.0	49.8	69.4	90.9	112.6	132.7	150.7	166.5
-15°	0.0	8.7	19.4	31.6	49.1	68.3	89.5	111.0	131.2	149.2	165.0
-17.5°	0.0	8.6	19.2	31.2	48.2	67.1	87.8	109.2	129.3	147.3	163.2
-20°	0.0	8.5	18.8	30.7	47.1	65.6	85.9	107.1	127.2	145.2	161.1



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.3	18.5	30.2	46.0	64.0	83.9	104.6	124.7	142.8	158.8
-25°	0.0	8.2	18.1	29.5	44.7	62.2	81.5	101.9	122.0	140.0	156.2
-27.5°	0.0	8.0	17.7	28.8	43.4	60.3	78.9	98.8	118.9	136.9	152.9
-30°	0.0	7.8	17.2	28.0	41.9	58.1	76.1	95.5	115.3	133.1	149.2
-32.5°	0.0	7.6	16.7	27.2	40.2	55.8	73.1	91.9	111.2	129.1	145.2
-35°	0.0	7.4	16.1	26.2	38.5	53.3	70.1	88.1	106.7	124.7	140.9
-37.5°	0.0	7.1	15.6	25.2	36.6	50.8	66.9	84.1	102.0	120.1	135.9
-40°	0.0	6.9	15.0	24.1	34.6	48.3	63.5	79.8	96.9	114.6	130.3
-42.5°	0.0	6.6	14.3	23.0	32.8	45.7	59.9	75.3	91.6	108.5	124.5
-45°	0.0	6.4	13.6	21.8	31.2	43.0	56.1	70.8	86.2	102.2	118.2
-47.5°	0.0	6.1	12.9	20.5	29.4	40.1	52.2	66.1	80.6	95.6	110.9
-50°	0.0	5.8	12.2	19.3	27.6	37.2	48.6	61.3	74.8	89.1	103.4
-52.5°	0.0	5.5	11.4	18.1	25.7	34.1	44.9	56.2	69.0	82.3	95.7
-55°	0.0	5.2	10.6	16.9	23.8	31.5	41.1	51.1	63.1	75.3	87.9
-57.5°	0.0	4.8	9.8	15.7	21.8	29.0	37.2	46.5	57.1	68.4	79.9
-60°	0.0	4.5	9.0	14.4	19.7	26.4	33.2	41.9	51.0	61.4	71.9
-62.5°	0.0	4.2	8.3	13.1	18.0	23.7	30.0	37.1	45.4	54.3	63.9
-65°	0.0	3.8	7.6	11.8	16.2	20.9	26.6	32.5	39.7	47.5	55.8
-67.5°	0.0	3.4	6.9	10.4	14.4	18.4	23.2	28.5	33.8	40.7	47.9
-70°	0.0	3.1	6.1	9.0	12.5	16.1	19.6	24.4	29.2	33.8	40.1
-72.5°	0.0	2.7	5.4	7.9	10.7	13.7	16.8	20.4	24.6	28.7	32.5
-75°	0.0	2.3	4.7	6.8	8.8	11.4	13.9	16.8	20.0	23.6	27.0
-77.5°	0.0	1.9	3.9	5.6	7.3	9.0	11.1	13.5	16.0	18.7	21.5
-80°	0.0	1.6	3.1	4.5	5.8	7.0	8.2	10.1	12.1	14.1	16.2
-82.5°	0.0	1.2	2.3	3.4	4.4	5.3	6.1	7.0	8.1	9.6	11.1
-85°	0.0	0.8	1.6	2.3	2.9	3.5	4.0	4.7	5.3	6.0	6.6
-87.5°	0.0	0.4	0.8	1.1	1.5	1.8	2.0	2.3	2.7	3.0	3.3
-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-SA3C-930-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°	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.5	5.7	6.0	6.2
85°	7.2	7.8	8.6	9.3	9.9	10.5	11.1	11.5	12.2	12.9	13.6
82.5°	12.3	13.4	14.3	15.1	15.9	16.7	17.5	18.8	20.5	22.1	23.6
80°	17.8	19.1	20.8	22.8	24.9	26.9	28.8	30.6	32.6	34.8	37.1
77.5°	23.9	26.4	29.2	32.3	35.2	38.5	41.9	45.3	48.5	51.2	53.6
75°	30.2	33.7	38.4	43.0	47.4	51.8	56.3	60.7	64.4	67.9	71.5
72.5°	37.7	43.3	48.8	54.2	59.9	65.4	70.6	75.5	80.3	85.1	89.6
70°	46.5	52.9	59.6	66.4	73.1	79.2	85.2	91.2	97.2	102.6	107.4
67.5°	55.4	63.1	70.8	78.5	85.7	92.7	99.7	106.7	113.4	119.1	124.1
65°	64.5	73.1	81.7	90.0	97.9	106.0	114.0	121.7	128.0	133.2	138.3
62.5°	73.4	83.1	92.5	101.6	110.5	119.4	127.1	134.0	140.5	146.2	151.6
60°	82.6	93.1	103.3	113.2	122.6	130.8	138.7	145.6	152.1	158.3	162.9
57.5°	91.6	102.9	113.9	124.1	133.2	141.6	149.1	156.4	162.0	167.0	172.1
55°	100.4	112.6	123.9	134.0	143.1	151.2	158.8	164.9	170.5	175.2	180.2
52.5°	109.1	121.7	132.9	143.1	152.0	159.9	166.6	172.6	177.9	182.8	186.8
50°	117.5	130.0	141.6	151.2	160.0	167.4	173.7	179.6	184.7	189.1	192.7
47.5°	125.0	137.9	148.8	158.7	167.0	174.1	180.3	185.8	190.9	194.7	198.3
45°	132.1	144.7	155.8	165.2	173.4	180.1	186.0	191.8	195.9	199.8	202.6
42.5°	138.8	151.0	161.9	171.6	178.8	185.3	191.3	196.2	200.6	203.9	206.9
40°	144.5	157.1	167.5	176.4	183.7	189.9	195.4	200.4	204.6	207.9	211.2
37.5°	149.9	162.1	172.6	180.9	187.8	193.9	199.3	204.0	208.1	211.6	216.0
35°	155.0	166.8	176.6	184.6	191.3	197.3	202.6	207.3	211.4	216.3	221.3
32.5°	159.4	171.3	180.3	187.6	194.3	200.4	205.6	210.4	215.2	220.7	227.0
30°	163.2	174.6	183.5	190.4	197.0	202.8	208.4	213.6	218.9	225.4	233.6
27.5°	166.6	177.5	185.9	192.8	199.4	204.9	210.8	216.7	222.8	230.4	240.7
25°	169.7	180.3	187.9	194.9	201.2	206.8	212.9	218.9	226.7	236.7	250.2
22.5°	172.3	182.8	189.7	196.9	202.6	208.6	214.8	221.6	230.3	242.4	260.1
20°	174.4	184.3	191.3	198.4	203.8	210.1	216.5	223.9	234.2	250.1	270.6
17.5°	176.3	185.6	192.6	199.3	205.0	211.4	218.0	225.7	237.5	257.3	280.2
15°	177.9	186.7	193.6	200.0	206.0	212.4	219.3	228.1	241.9	264.2	288.9
12.5°	179.4	187.6	194.4	200.5	206.8	213.2	220.5	230.2	246.6	270.6	297.5
10°	180.6	188.2	195.0	200.9	207.4	213.6	221.4	231.5	249.9	274.3	302.7
7.5°	181.3	188.7	195.4	201.1	207.7	213.7	222.0	232.2	252.0	276.2	305.4
5°	181.7	189.1	195.8	201.5	208.1	214.0	222.6	232.3	252.8	276.6	306.5
2.5°	181.8	189.4	196.1	201.7	208.5	214.7	223.6	233.6	253.6	277.9	307.2
0°	181.7	189.5	196.2	201.8	208.6	215.3	224.3	234.4	253.4	279.2	307.3
-2.5°	181.8	189.4	196.1	201.7	208.5	214.7	223.6	233.6	253.6	277.9	307.2
-5°	181.7	189.1	195.8	201.5	208.1	214.0	222.6	232.3	252.8	276.6	306.5
-7.5°	181.3	188.7	195.4	201.1	207.7	213.7	222.0	232.2	252.0	276.2	305.4
-10°	180.6	188.2	195.0	200.9	207.4	213.6	221.4	231.5	249.9	274.3	302.7
-12.5°	179.4	187.6	194.4	200.5	206.8	213.2	220.5	230.2	246.6	270.6	297.5
-15°	177.9	186.7	193.6	200.0	206.0	212.4	219.3	228.1	241.9	264.2	288.9
-17.5°	176.3	185.6	192.6	199.3	205.0	211.4	218.0	225.7	237.5	257.3	280.2
-20°	174.4	184.3	191.3	198.4	203.8	210.1	216.5	223.9	234.2	250.1	270.6



REPORT NUMBER: P558792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	172.3	182.8	189.7	196.9	202.6	208.6	214.8	221.6	230.3	242.4	260.1
-25°	169.7	180.3	187.9	194.9	201.2	206.8	212.9	218.9	226.7	236.7	250.2
-27.5°	166.6	177.5	185.9	192.8	199.4	204.9	210.8	216.7	222.8	230.4	240.7
-30°	163.2	174.6	183.5	190.4	197.0	202.8	208.4	213.6	218.9	225.4	233.6
-32.5°	159.4	171.3	180.3	187.6	194.3	200.4	205.6	210.4	215.2	220.7	227.0
-35°	155.0	166.8	176.6	184.6	191.3	197.3	202.6	207.3	211.4	216.3	221.3
-37.5°	149.9	162.1	172.6	180.9	187.8	193.9	199.3	204.0	208.1	211.6	216.0
-40°	144.5	157.1	167.5	176.4	183.7	189.9	195.4	200.4	204.6	207.9	211.2
-42.5°	138.8	151.0	161.9	171.6	178.8	185.3	191.3	196.2	200.6	203.9	206.9
-45°	132.1	144.7	155.8	165.2	173.4	180.1	186.0	191.8	195.9	199.8	202.6
-47.5°	125.0	137.9	148.8	158.7	167.0	174.1	180.3	185.8	190.9	194.7	198.3
-50°	117.5	130.0	141.6	151.2	160.0	167.4	173.7	179.6	184.7	189.1	192.7
-52.5°	109.1	121.7	132.9	143.1	152.0	159.9	166.6	172.6	177.9	182.8	186.8
-55°	100.4	112.6	123.9	134.0	143.1	151.2	158.8	164.9	170.5	175.2	180.2
-57.5°	91.6	102.9	113.9	124.1	133.2	141.6	149.1	156.4	162.0	167.0	172.1
-60°	82.6	93.1	103.3	113.2	122.6	130.8	138.7	145.6	152.1	158.3	162.9
-62.5°	73.4	83.1	92.5	101.6	110.5	119.4	127.1	134.0	140.5	146.2	151.6
-65°	64.5	73.1	81.7	90.0	97.9	106.0	114.0	121.7	128.0	133.2	138.3
-67.5°	55.4	63.1	70.8	78.5	85.7	92.7	99.7	106.7	113.4	119.1	124.1
-70°	46.5	52.9	59.6	66.4	73.1	79.2	85.2	91.2	97.2	102.6	107.4
-72.5°	37.7	43.3	48.8	54.2	59.9	65.4	70.6	75.5	80.3	85.1	89.6
-75°	30.2	33.7	38.4	43.0	47.4	51.8	56.3	60.7	64.4	67.9	71.5
-77.5°	23.9	26.4	29.2	32.3	35.2	38.5	41.9	45.3	48.5	51.2	53.6
-80°	17.8	19.1	20.8	22.8	24.9	26.9	28.8	30.6	32.6	34.8	37.1
-82.5°	12.3	13.4	14.3	15.1	15.9	16.7	17.5	18.8	20.5	22.1	23.6
-85°	7.2	7.8	8.6	9.3	9.9	10.5	11.1	11.5	12.2	12.9	13.6
-87.5°	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.5	5.7	6.0	6.2
-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: P558792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	6.3	6.3	6.2	6.1	6.2	6.3	6.4	6.5	6.5	6.6
85°	14.2	14.8	15.5	16.1	16.8	17.2	17.6	17.9	18.3	18.5	18.7
82.5°	25.0	26.3	27.5	28.6	29.5	30.3	31.0	31.6	32.1	32.6	32.9
80°	39.1	41.0	42.9	44.6	46.2	47.4	48.5	49.4	50.1	50.9	51.5
77.5°	55.9	58.6	61.2	63.6	65.6	67.4	68.9	70.2	71.3	72.6	73.9
75°	75.0	78.2	81.2	83.9	86.4	88.6	90.6	92.4	93.8	95.3	96.6
72.5°	93.9	97.9	101.3	104.2	106.9	109.4	111.9	114.2	116.4	118.0	119.2
70°	111.8	115.8	119.5	122.8	125.9	129.1	132.4	135.4	138.1	139.9	140.9
67.5°	128.3	132.4	136.5	140.6	144.3	147.7	150.9	153.9	156.6	158.4	159.5
65°	143.1	147.6	152.1	156.3	160.2	163.1	166.0	168.8	171.5	173.6	175.1
62.5°	156.9	161.4	165.2	168.8	172.1	174.9	177.8	180.4	182.7	184.7	186.6
60°	167.5	172.1	175.8	179.1	182.2	185.0	187.3	189.2	190.8	192.0	193.2
57.5°	176.6	181.0	184.7	187.4	190.2	192.9	194.8	196.0	197.0	197.7	198.2
55°	184.5	188.0	191.1	194.1	196.8	199.1	200.8	201.6	202.2	202.4	202.7
52.5°	190.7	194.1	197.4	200.2	202.3	204.3	206.0	206.5	206.7	206.9	206.9
50°	196.5	199.8	202.3	204.8	206.9	208.7	210.2	210.9	211.3	211.4	211.2
47.5°	201.1	204.0	206.8	209.3	211.5	213.5	215.2	216.1	216.9	217.2	217.1
45°	205.2	208.5	211.5	214.4	216.9	219.7	222.0	223.6	225.1	226.2	226.7
42.5°	210.0	213.3	216.6	220.6	224.4	227.9	231.7	235.0	238.5	242.2	244.7
40°	214.9	218.5	223.6	228.4	233.9	238.8	246.8	254.8	260.9	266.1	270.7
37.5°	220.5	225.8	231.9	238.1	247.0	256.1	266.2	276.2	284.8	292.6	298.9
35°	226.9	234.0	241.5	252.6	263.9	275.2	287.3	300.5	311.7	319.8	325.7
32.5°	234.8	243.8	255.8	269.9	283.8	298.4	313.0	327.7	338.7	350.1	361.6
30°	243.5	256.4	272.0	289.2	306.4	323.9	342.3	362.7	382.1	403.0	432.8
27.5°	254.7	270.4	288.6	309.0	329.8	350.7	382.6	417.7	469.7	511.2	581.8
25°	266.5	284.9	306.7	330.3	355.7	393.1	451.6	520.8	643.3	738.4	882.6
22.5°	279.8	301.4	325.5	352.6	393.5	464.1	564.2	741.8	988.9	1233.0	1504.5
20°	292.8	316.8	343.1	384.1	453.7	565.3	782.1	1166.1	1595.0	2205.7	2718.2
17.5°	305.3	330.7	364.1	419.6	523.7	748.1	1167.9	1825.7	2721.6	3706.0	4526.9
15°	316.1	342.1	387.1	475.0	651.0	1000.4	1634.3	2753.9	4259.1	5606.9	6809.0
12.5°	325.3	356.1	412.1	519.7	761.4	1278.6	2295.6	3885.4	5723.4	7613.6	9134.9
10°	332.0	371.0	445.4	602.4	936.9	1609.8	2846.8	4852.0	7065.2	9362.5	12112.7
7.5°	336.0	381.6	470.7	663.8	1093.4	1978.5	3538.1	5715.2	8256.6	11392.8	15594.7
5°	338.9	388.8	489.4	710.0	1198.0	2222.3	3974.7	6369.1	9284.7	13819.4	22467.1
2.5°	340.3	391.9	500.0	735.4	1245.8	2347.6	4281.9	6743.6	9910.2	15531.2	27227.9
0°	339.8	390.2	501.3	741.2	1252.6	2443.5	4333.0	6850.5	10121.5	15684.6	28754.2
-2.5°	340.3	391.9	500.0	735.4	1245.8	2347.6	4281.9	6743.6	9910.2	15531.2	27227.9
-5°	338.9	388.8	489.4	710.0	1198.0	2222.3	3974.7	6369.1	9284.7	13819.4	22467.1
-7.5°	336.0	381.6	470.7	663.8	1093.4	1978.5	3538.1	5715.2	8256.6	11392.8	15594.7
-10°	332.0	371.0	445.4	602.4	936.9	1609.8	2846.8	4852.0	7065.2	9362.5	12112.7
-12.5°	325.3	356.1	412.1	519.7	761.4	1278.6	2295.6	3885.4	5723.4	7613.6	9134.9
-15°	316.1	342.1	387.1	475.0	651.0	1000.4	1634.3	2753.9	4259.1	5606.9	6809.0
-17.5°	305.3	330.7	364.1	419.6	523.7	748.1	1167.9	1825.7	2721.6	3706.0	4526.9
-20°	292.8	316.8	343.1	384.1	453.7	565.3	782.1	1166.1	1595.0	2205.7	2718.2



REPORT NUMBER: P558792 (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°	279.8	301.4	325.5	352.6	393.5	464.1	564.2	741.8	988.9	1233.0	1504.5
-25°	266.5	284.9	306.7	330.3	355.7	393.1	451.6	520.8	643.3	738.4	882.6
-27.5°	254.7	270.4	288.6	309.0	329.8	350.7	382.6	417.7	469.7	511.2	581.8
-30°	243.5	256.4	272.0	289.2	306.4	323.9	342.3	362.7	382.1	403.0	432.8
-32.5°	234.8	243.8	255.8	269.9	283.8	298.4	313.0	327.7	338.7	350.1	361.6
-35°	226.9	234.0	241.5	252.6	263.9	275.2	287.3	300.5	311.7	319.8	325.7
-37.5°	220.5	225.8	231.9	238.1	247.0	256.1	266.2	276.2	284.8	292.6	298.9
-40°	214.9	218.5	223.6	228.4	233.9	238.8	246.8	254.8	260.9	266.1	270.7
-42.5°	210.0	213.3	216.6	220.6	224.4	227.9	231.7	235.0	238.5	242.2	244.7
-45°	205.2	208.5	211.5	214.4	216.9	219.7	222.0	223.6	225.1	226.2	226.7
-47.5°	201.1	204.0	206.8	209.3	211.5	213.5	215.2	216.1	216.9	217.2	217.1
-50°	196.5	199.8	202.3	204.8	206.9	208.7	210.2	210.9	211.3	211.4	211.2
-52.5°	190.7	194.1	197.4	200.2	202.3	204.3	206.0	206.5	206.7	206.9	206.9
-55°	184.5	188.0	191.1	194.1	196.8	199.1	200.8	201.6	202.2	202.4	202.7
-57.5°	176.6	181.0	184.7	187.4	190.2	192.9	194.8	196.0	197.0	197.7	198.2
-60°	167.5	172.1	175.8	179.1	182.2	185.0	187.3	189.2	190.8	192.0	193.2
-62.5°	156.9	161.4	165.2	168.8	172.1	174.9	177.8	180.4	182.7	184.7	186.6
-65°	143.1	147.6	152.1	156.3	160.2	163.1	166.0	168.8	171.5	173.6	175.1
-67.5°	128.3	132.4	136.5	140.6	144.3	147.7	150.9	153.9	156.6	158.4	159.5
-70°	111.8	115.8	119.5	122.8	125.9	129.1	132.4	135.4	138.1	139.9	140.9
-72.5°	93.9	97.9	101.3	104.2	106.9	109.4	111.9	114.2	116.4	118.0	119.2
-75°	75.0	78.2	81.2	83.9	86.4	88.6	90.6	92.4	93.8	95.3	96.6
-77.5°	55.9	58.6	61.2	63.6	65.6	67.4	68.9	70.2	71.3	72.6	73.9
-80°	39.1	41.0	42.9	44.6	46.2	47.4	48.5	49.4	50.1	50.9	51.5
-82.5°	25.0	26.3	27.5	28.6	29.5	30.3	31.0	31.6	32.1	32.6	32.9
-85°	14.2	14.8	15.5	16.1	16.8	17.2	17.6	17.9	18.3	18.5	18.7
-87.5°	6.4	6.3	6.3	6.2	6.1	6.2	6.3	6.4	6.5	6.5	6.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-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°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.4
85°	18.9	19.0	19.1	19.1	19.1	19.0	18.9	18.7	18.5	18.3	17.9
82.5°	33.2	33.4	33.6	33.6	33.6	33.4	33.2	32.9	32.6	32.1	31.6
80°	52.0	52.4	52.6	52.7	52.6	52.4	52.0	51.5	50.9	50.1	49.4
77.5°	75.0	75.8	76.2	76.3	76.2	75.8	75.0	73.9	72.6	71.3	70.2
75°	97.5	98.2	98.6	98.7	98.6	98.2	97.5	96.6	95.3	93.8	92.4
72.5°	120.0	120.5	121.5	122.2	121.5	120.5	120.0	119.2	118.0	116.4	114.2
70°	141.5	141.8	142.7	143.5	142.7	141.8	141.5	140.9	139.9	138.1	135.4
67.5°	160.3	160.9	160.8	160.4	160.8	160.9	160.3	159.5	158.4	156.6	153.9
65°	176.5	177.6	177.6	177.2	177.6	177.6	176.5	175.1	173.6	171.5	168.8
62.5°	188.3	189.8	190.5	190.6	190.5	189.8	188.3	186.6	184.7	182.7	180.4
60°	194.1	194.8	195.0	195.1	195.0	194.8	194.1	193.2	192.0	190.8	189.2
57.5°	198.4	198.4	198.5	198.5	198.5	198.4	198.4	198.2	197.7	197.0	196.0
55°	202.8	202.8	202.5	201.8	202.5	202.8	202.8	202.7	202.4	202.2	201.6
52.5°	206.7	206.4	205.8	205.2	205.8	206.4	206.7	206.9	206.9	206.7	206.5
50°	210.7	210.0	209.6	209.7	209.6	210.0	210.7	211.2	211.4	211.3	210.9
47.5°	216.9	216.5	216.3	216.4	216.3	216.5	216.9	217.1	217.2	216.9	216.1
45°	226.9	226.5	226.3	226.5	226.3	226.5	226.9	226.7	226.2	225.1	223.6
42.5°	246.2	246.3	246.2	246.7	246.2	246.3	246.2	244.7	242.2	238.5	235.0
40°	272.6	272.5	271.6	271.4	271.6	272.5	272.6	270.7	266.1	260.9	254.8
37.5°	301.5	301.5	300.6	300.5	300.6	301.5	301.5	298.9	292.6	284.8	276.2
35°	328.8	329.8	329.6	328.6	329.6	329.8	328.8	325.7	319.8	311.7	300.5
32.5°	369.7	376.0	379.3	377.9	379.3	376.0	369.7	361.6	350.1	338.7	327.7
30°	451.6	467.7	476.2	479.9	476.2	467.7	451.6	432.8	403.0	382.1	362.7
27.5°	632.2	667.9	683.9	689.6	683.9	667.9	632.2	581.8	511.2	469.7	417.7
25°	1008.6	1089.1	1128.7	1141.6	1128.7	1089.1	1008.6	882.6	738.4	643.3	520.8
22.5°	1803.4	1958.5	2064.5	2088.0	2064.5	1958.5	1803.4	1504.5	1233.0	988.9	741.8
20°	3233.6	3533.4	3696.1	3681.5	3696.1	3533.4	3233.6	2718.2	2205.7	1595.0	1166.1
17.5°	5224.7	5609.2	5792.2	5706.7	5792.2	5609.2	5224.7	4526.9	3706.0	2721.6	1825.7
15°	7659.2	8178.6	8405.2	8475.3	8405.2	8178.6	7659.2	6809.0	5606.9	4259.1	2753.9
12.5°	10653.6	12356.6	13171.0	13389.2	13171.0	12356.6	10653.6	9134.9	7613.6	5723.4	3885.4
10°	14925.7	20650.2	24055.2	24886.6	24055.2	20650.2	14925.7	12112.7	9362.5	7065.2	4852.0
7.5°	24375.0	36007.6	49038.8	55209.6	49038.8	36007.6	24375.0	15594.7	11392.8	8256.6	5715.2
5°	37171.8	64514.7	94685.9	106513.5	94685.9	64514.7	37171.8	22467.1	13819.4	9284.7	6369.1
2.5°	52728.4	97412.2	139101.4	154642.3	139101.4	97412.2	52728.4	27227.9	15531.2	9910.2	6743.6
0°	59301.0	112305.4	153259.6	166572.0	153259.6	112305.4	59301.0	28754.2	15684.6	10121.5	6850.5
-2.5°	52728.4	97412.2	139101.4	154642.2	139101.4	97412.2	52728.4	27227.9	15531.2	9910.2	6743.6
-5°	37171.8	64514.7	94685.9	106513.5	94685.9	64514.7	37171.8	22467.1	13819.4	9284.7	6369.1
-7.5°	24375.0	36007.6	49038.8	55209.6	49038.8	36007.6	24375.0	15594.7	11392.8	8256.6	5715.2
-10°	14925.7	20650.2	24055.2	24886.6	24055.2	20650.2	14925.7	12112.7	9362.5	7065.2	4852.0
-12.5°	10653.6	12356.6	13171.0	13389.2	13171.0	12356.6	10653.6	9134.9	7613.6	5723.4	3885.4
-15°	7659.2	8178.6	8405.2	8475.3	8405.2	8178.6	7659.2	6809.0	5606.9	4259.1	2753.9
-17.5°	5224.7	5609.2	5792.2	5706.7	5792.2	5609.2	5224.7	4526.9	3706.0	2721.6	1825.7
-20°	3233.6	3533.4	3696.1	3681.5	3696.1	3533.4	3233.6	2718.2	2205.7	1595.0	1166.1



REPORT NUMBER: P558792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1803.4	1958.5	2064.5	2088.0	2064.5	1958.5	1803.4	1504.5	1233.0	988.9	741.8
-25°	1008.6	1089.1	1128.7	1141.6	1128.7	1089.1	1008.6	882.6	738.4	643.3	520.8
-27.5°	632.2	667.9	683.9	689.6	683.9	667.9	632.2	581.8	511.2	469.7	417.7
-30°	451.6	467.7	476.2	479.9	476.2	467.7	451.6	432.8	403.0	382.1	362.7
-32.5°	369.7	376.0	379.3	377.9	379.3	376.0	369.7	361.6	350.1	338.7	327.7
-35°	328.8	329.8	329.6	328.6	329.6	329.8	328.8	325.7	319.8	311.7	300.5
-37.5°	301.5	301.5	300.6	300.5	300.6	301.5	301.5	298.9	292.6	284.8	276.2
-40°	272.6	272.5	271.6	271.4	271.6	272.5	272.6	270.7	266.1	260.9	254.8
-42.5°	246.2	246.3	246.2	246.7	246.2	246.3	246.2	244.7	242.2	238.5	235.0
-45°	226.9	226.5	226.3	226.5	226.3	226.5	226.9	226.7	226.2	225.1	223.6
-47.5°	216.9	216.5	216.3	216.4	216.3	216.5	216.9	217.1	217.2	216.9	216.1
-50°	210.7	210.0	209.6	209.7	209.6	210.0	210.7	211.2	211.4	211.3	210.9
-52.5°	206.7	206.4	205.8	205.2	205.8	206.4	206.7	206.9	206.9	206.7	206.5
-55°	202.8	202.8	202.5	201.8	202.5	202.8	202.8	202.7	202.4	202.2	201.6
-57.5°	198.4	198.4	198.5	198.5	198.5	198.4	198.4	198.2	197.7	197.0	196.0
-60°	194.1	194.8	195.0	195.1	195.0	194.8	194.1	193.2	192.0	190.8	189.2
-62.5°	188.3	189.8	190.5	190.6	190.5	189.8	188.3	186.6	184.7	182.7	180.4
-65°	176.5	177.6	177.6	177.2	177.6	177.6	176.5	175.1	173.6	171.5	168.8
-67.5°	160.3	160.9	160.8	160.4	160.8	160.9	160.3	159.5	158.4	156.6	153.9
-70°	141.5	141.8	142.7	143.5	142.7	141.8	141.5	140.9	139.9	138.1	135.4
-72.5°	120.0	120.5	121.5	122.2	121.5	120.5	120.0	119.2	118.0	116.4	114.2
-75°	97.5	98.2	98.6	98.7	98.6	98.2	97.5	96.6	95.3	93.8	92.4
-77.5°	75.0	75.8	76.2	76.3	76.2	75.8	75.0	73.9	72.6	71.3	70.2
-80°	52.0	52.4	52.6	52.7	52.6	52.4	52.0	51.5	50.9	50.1	49.4
-82.5°	33.2	33.4	33.6	33.6	33.6	33.4	33.2	32.9	32.6	32.1	31.6
-85°	18.9	19.0	19.1	19.1	19.1	19.0	18.9	18.7	18.5	18.3	17.9
-87.5°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.5	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: P558792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	6.2	6.1	6.2	6.3	6.3	6.4	6.2	6.0	5.7	5.5
85°	17.6	17.2	16.8	16.1	15.5	14.8	14.2	13.6	12.9	12.2	11.5
82.5°	31.0	30.3	29.5	28.6	27.5	26.3	25.0	23.6	22.1	20.5	18.8
80°	48.5	47.4	46.2	44.6	42.9	41.0	39.1	37.1	34.8	32.6	30.6
77.5°	68.9	67.4	65.6	63.6	61.2	58.6	55.9	53.6	51.2	48.5	45.3
75°	90.6	88.6	86.4	83.9	81.2	78.2	75.0	71.5	67.9	64.4	60.7
72.5°	111.9	109.4	106.9	104.2	101.3	97.9	93.9	89.6	85.1	80.3	75.5
70°	132.4	129.1	125.9	122.8	119.5	115.8	111.8	107.4	102.6	97.2	91.2
67.5°	150.9	147.7	144.3	140.6	136.5	132.4	128.3	124.1	119.1	113.4	106.7
65°	166.0	163.1	160.2	156.3	152.1	147.6	143.1	138.3	133.2	128.0	121.7
62.5°	177.8	174.9	172.1	168.8	165.2	161.4	156.9	151.6	146.2	140.5	134.0
60°	187.3	185.0	182.2	179.1	175.8	172.1	167.5	162.9	158.3	152.1	145.6
57.5°	194.8	192.9	190.2	187.4	184.7	181.0	176.6	172.1	167.0	162.0	156.4
55°	200.8	199.1	196.8	194.1	191.1	188.0	184.5	180.2	175.2	170.5	164.9
52.5°	206.0	204.3	202.3	200.2	197.4	194.1	190.7	186.8	182.8	177.9	172.6
50°	210.2	208.7	206.9	204.8	202.3	199.8	196.5	192.7	189.1	184.7	179.6
47.5°	215.2	213.5	211.5	209.3	206.8	204.0	201.1	198.3	194.7	190.9	185.8
45°	222.0	219.7	216.9	214.4	211.5	208.5	205.2	202.6	199.8	195.9	191.8
42.5°	231.7	227.9	224.4	220.6	216.6	213.3	210.0	206.9	203.9	200.6	196.2
40°	246.8	238.8	233.9	228.4	223.6	218.5	214.9	211.2	207.9	204.6	200.4
37.5°	266.2	256.1	247.0	238.1	231.9	225.8	220.5	216.0	211.6	208.1	204.0
35°	287.3	275.2	263.9	252.6	241.5	234.0	226.9	221.3	216.3	211.4	207.3
32.5°	313.0	298.4	283.8	269.9	255.8	243.8	234.8	227.0	220.7	215.2	210.4
30°	342.3	323.9	306.4	289.2	272.0	256.4	243.5	233.6	225.4	218.9	213.6
27.5°	382.6	350.7	329.8	309.0	288.6	270.4	254.7	240.7	230.4	222.8	216.7
25°	451.6	393.1	355.7	330.3	306.7	284.9	266.5	250.2	236.7	226.7	218.9
22.5°	564.2	464.1	393.5	352.6	325.5	301.4	279.8	260.1	242.4	230.3	221.6
20°	782.1	565.3	453.7	384.1	343.1	316.8	292.8	270.6	250.1	234.2	223.9
17.5°	1167.9	748.1	523.7	419.6	364.1	330.7	305.3	280.2	257.3	237.5	225.7
15°	1634.3	1000.4	651.0	475.0	387.1	342.1	316.1	288.9	264.2	241.9	228.1
12.5°	2295.6	1278.6	761.4	519.7	412.1	356.1	325.3	297.5	270.6	246.6	230.2
10°	2846.8	1609.8	936.9	602.4	445.4	371.0	332.0	302.7	274.3	249.9	231.5
7.5°	3538.1	1978.5	1093.4	663.8	470.7	381.6	336.0	305.4	276.2	252.0	232.2
5°	3974.7	2222.3	1198.0	710.0	489.4	388.8	338.9	306.5	276.6	252.8	232.3
2.5°	4281.9	2347.6	1245.8	735.4	500.0	391.9	340.3	307.2	277.9	253.6	233.6
0°	4333.0	2443.5	1252.6	741.2	501.3	390.2	339.8	307.3	279.2	253.4	234.4
-2.5°	4281.9	2347.6	1245.8	735.4	500.0	391.9	340.3	307.2	277.9	253.6	233.6
-5°	3974.7	2222.3	1198.0	710.0	489.4	388.8	338.9	306.5	276.6	252.8	232.3
-7.5°	3538.1	1978.5	1093.4	663.8	470.7	381.6	336.0	305.4	276.2	252.0	232.2
-10°	2846.8	1609.8	936.9	602.4	445.4	371.0	332.0	302.7	274.3	249.9	231.5
-12.5°	2295.6	1278.6	761.4	519.7	412.1	356.1	325.3	297.5	270.6	246.6	230.2
-15°	1634.3	1000.4	651.0	475.0	387.1	342.1	316.1	288.9	264.2	241.9	228.1
-17.5°	1167.9	748.1	523.7	419.6	364.1	330.7	305.3	280.2	257.3	237.5	225.7
-20°	782.1	565.3	453.7	384.1	343.1	316.8	292.8	270.6	250.1	234.2	223.9



REPORT NUMBER: P558792 (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°	564.2	464.1	393.5	352.6	325.5	301.4	279.8	260.1	242.4	230.3	221.6
-25°	451.6	393.1	355.7	330.3	306.7	284.9	266.5	250.2	236.7	226.7	218.9
-27.5°	382.6	350.7	329.8	309.0	288.6	270.4	254.7	240.7	230.4	222.8	216.7
-30°	342.3	323.9	306.4	289.2	272.0	256.4	243.5	233.6	225.4	218.9	213.6
-32.5°	313.0	298.4	283.8	269.9	255.8	243.8	234.8	227.0	220.7	215.2	210.4
-35°	287.3	275.2	263.9	252.6	241.5	234.0	226.9	221.3	216.3	211.4	207.3
-37.5°	266.2	256.1	247.0	238.1	231.9	225.8	220.5	216.0	211.6	208.1	204.0
-40°	246.8	238.8	233.9	228.4	223.6	218.5	214.9	211.2	207.9	204.6	200.4
-42.5°	231.7	227.9	224.4	220.6	216.6	213.3	210.0	206.9	203.9	200.6	196.2
-45°	222.0	219.7	216.9	214.4	211.5	208.5	205.2	202.6	199.8	195.9	191.8
-47.5°	215.2	213.5	211.5	209.3	206.8	204.0	201.1	198.3	194.7	190.9	185.8
-50°	210.2	208.7	206.9	204.8	202.3	199.8	196.5	192.7	189.1	184.7	179.6
-52.5°	206.0	204.3	202.3	200.2	197.4	194.1	190.7	186.8	182.8	177.9	172.6
-55°	200.8	199.1	196.8	194.1	191.1	188.0	184.5	180.2	175.2	170.5	164.9
-57.5°	194.8	192.9	190.2	187.4	184.7	181.0	176.6	172.1	167.0	162.0	156.4
-60°	187.3	185.0	182.2	179.1	175.8	172.1	167.5	162.9	158.3	152.1	145.6
-62.5°	177.8	174.9	172.1	168.8	165.2	161.4	156.9	151.6	146.2	140.5	134.0
-65°	166.0	163.1	160.2	156.3	152.1	147.6	143.1	138.3	133.2	128.0	121.7
-67.5°	150.9	147.7	144.3	140.6	136.5	132.4	128.3	124.1	119.1	113.4	106.7
-70°	132.4	129.1	125.9	122.8	119.5	115.8	111.8	107.4	102.6	97.2	91.2
-72.5°	111.9	109.4	106.9	104.2	101.3	97.9	93.9	89.6	85.1	80.3	75.5
-75°	90.6	88.6	86.4	83.9	81.2	78.2	75.0	71.5	67.9	64.4	60.7
-77.5°	68.9	67.4	65.6	63.6	61.2	58.6	55.9	53.6	51.2	48.5	45.3
-80°	48.5	47.4	46.2	44.6	42.9	41.0	39.1	37.1	34.8	32.6	30.6
-82.5°	31.0	30.3	29.5	28.6	27.5	26.3	25.0	23.6	22.1	20.5	18.8
-85°	17.6	17.2	16.8	16.1	15.5	14.8	14.2	13.6	12.9	12.2	11.5
-87.5°	6.3	6.2	6.1	6.2	6.3	6.3	6.4	6.2	6.0	5.7	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558792 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.3	5.0	4.7	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.3
85°	11.1	10.5	9.9	9.3	8.6	7.8	7.2	6.6	6.0	5.3	4.7
82.5°	17.5	16.7	15.9	15.1	14.3	13.4	12.3	11.1	9.6	8.1	7.0
80°	28.8	26.9	24.9	22.8	20.8	19.1	17.8	16.2	14.1	12.1	10.1
77.5°	41.9	38.5	35.2	32.3	29.2	26.4	23.9	21.5	18.7	16.0	13.5
75°	56.3	51.8	47.4	43.0	38.4	33.7	30.2	27.0	23.6	20.0	16.8
72.5°	70.6	65.4	59.9	54.2	48.8	43.3	37.7	32.5	28.7	24.6	20.4
70°	85.2	79.2	73.1	66.4	59.6	52.9	46.5	40.1	33.8	29.2	24.4
67.5°	99.7	92.7	85.7	78.5	70.8	63.1	55.4	47.9	40.7	33.8	28.5
65°	114.0	106.0	97.9	90.0	81.7	73.1	64.5	55.8	47.5	39.7	32.5
62.5°	127.1	119.4	110.5	101.6	92.5	83.1	73.4	63.9	54.3	45.4	37.1
60°	138.7	130.8	122.6	113.2	103.3	93.1	82.6	71.9	61.4	51.0	41.9
57.5°	149.1	141.6	133.2	124.1	113.9	102.9	91.6	79.9	68.4	57.1	46.5
55°	158.8	151.2	143.1	134.0	123.9	112.6	100.4	87.9	75.3	63.1	51.1
52.5°	166.6	159.9	152.0	143.1	132.9	121.7	109.1	95.7	82.3	69.0	56.2
50°	173.7	167.4	160.0	151.2	141.6	130.0	117.5	103.4	89.1	74.8	61.3
47.5°	180.3	174.1	167.0	158.7	148.8	137.9	125.0	110.9	95.6	80.6	66.1
45°	186.0	180.1	173.4	165.2	155.8	144.7	132.1	118.2	102.2	86.2	70.8
42.5°	191.3	185.3	178.8	171.6	161.9	151.0	138.8	124.5	108.5	91.6	75.3
40°	195.4	189.9	183.7	176.4	167.5	157.1	144.5	130.3	114.6	96.9	79.8
37.5°	199.3	193.9	187.8	180.9	172.6	162.1	149.9	135.9	120.1	102.0	84.1
35°	202.6	197.3	191.3	184.6	176.6	166.8	155.0	140.9	124.7	106.7	88.1
32.5°	205.6	200.4	194.3	187.6	180.3	171.3	159.4	145.2	129.1	111.2	91.9
30°	208.4	202.8	197.0	190.4	183.5	174.6	163.2	149.2	133.1	115.3	95.5
27.5°	210.8	204.9	199.4	192.8	185.9	177.5	166.6	152.9	136.9	118.9	98.8
25°	212.9	206.8	201.2	194.9	187.9	180.3	169.7	156.2	140.0	122.0	101.9
22.5°	214.8	208.6	202.6	196.9	189.7	182.8	172.3	158.8	142.8	124.7	104.6
20°	216.5	210.1	203.8	198.4	191.3	184.3	174.4	161.1	145.2	127.2	107.1
17.5°	218.0	211.4	205.0	199.3	192.6	185.6	176.3	163.2	147.3	129.3	109.2
15°	219.3	212.4	206.0	200.0	193.6	186.7	177.9	165.0	149.2	131.2	111.0
12.5°	220.5	213.2	206.8	200.5	194.4	187.6	179.4	166.5	150.7	132.7	112.6
10°	221.4	213.6	207.4	200.9	195.0	188.2	180.6	167.8	151.9	133.9	113.8
7.5°	222.0	213.7	207.7	201.1	195.4	188.7	181.3	168.6	152.8	134.9	114.7
5°	222.6	214.0	208.1	201.5	195.8	189.1	181.7	169.2	153.4	135.5	115.3
2.5°	223.6	214.7	208.5	201.7	196.1	189.4	181.8	169.4	153.7	135.7	115.5
0°	224.3	215.3	208.6	201.8	196.2	189.5	181.7	169.3	153.6	135.7	115.5
-2.5°	223.6	214.7	208.5	201.7	196.1	189.4	181.8	169.4	153.7	135.7	115.5
-5°	222.6	214.0	208.1	201.5	195.8	189.1	181.7	169.2	153.4	135.5	115.3
-7.5°	222.0	213.7	207.7	201.1	195.4	188.7	181.3	168.6	152.8	134.9	114.7
-10°	221.4	213.6	207.4	200.9	195.0	188.2	180.6	167.8	151.9	133.9	113.8
-12.5°	220.5	213.2	206.8	200.5	194.4	187.6	179.4	166.5	150.7	132.7	112.6
-15°	219.3	212.4	206.0	200.0	193.6	186.7	177.9	165.0	149.2	131.2	111.0
-17.5°	218.0	211.4	205.0	199.3	192.6	185.6	176.3	163.2	147.3	129.3	109.2
-20°	216.5	210.1	203.8	198.4	191.3	184.3	174.4	161.1	145.2	127.2	107.1



REPORT NUMBER: P558792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	214.8	208.6	202.6	196.9	189.7	182.8	172.3	158.8	142.8	124.7	104.6
-25°	212.9	206.8	201.2	194.9	187.9	180.3	169.7	156.2	140.0	122.0	101.9
-27.5°	210.8	204.9	199.4	192.8	185.9	177.5	166.6	152.9	136.9	118.9	98.8
-30°	208.4	202.8	197.0	190.4	183.5	174.6	163.2	149.2	133.1	115.3	95.5
-32.5°	205.6	200.4	194.3	187.6	180.3	171.3	159.4	145.2	129.1	111.2	91.9
-35°	202.6	197.3	191.3	184.6	176.6	166.8	155.0	140.9	124.7	106.7	88.1
-37.5°	199.3	193.9	187.8	180.9	172.6	162.1	149.9	135.9	120.1	102.0	84.1
-40°	195.4	189.9	183.7	176.4	167.5	157.1	144.5	130.3	114.6	96.9	79.8
-42.5°	191.3	185.3	178.8	171.6	161.9	151.0	138.8	124.5	108.5	91.6	75.3
-45°	186.0	180.1	173.4	165.2	155.8	144.7	132.1	118.2	102.2	86.2	70.8
-47.5°	180.3	174.1	167.0	158.7	148.8	137.9	125.0	110.9	95.6	80.6	66.1
-50°	173.7	167.4	160.0	151.2	141.6	130.0	117.5	103.4	89.1	74.8	61.3
-52.5°	166.6	159.9	152.0	143.1	132.9	121.7	109.1	95.7	82.3	69.0	56.2
-55°	158.8	151.2	143.1	134.0	123.9	112.6	100.4	87.9	75.3	63.1	51.1
-57.5°	149.1	141.6	133.2	124.1	113.9	102.9	91.6	79.9	68.4	57.1	46.5
-60°	138.7	130.8	122.6	113.2	103.3	93.1	82.6	71.9	61.4	51.0	41.9
-62.5°	127.1	119.4	110.5	101.6	92.5	83.1	73.4	63.9	54.3	45.4	37.1
-65°	114.0	106.0	97.9	90.0	81.7	73.1	64.5	55.8	47.5	39.7	32.5
-67.5°	99.7	92.7	85.7	78.5	70.8	63.1	55.4	47.9	40.7	33.8	28.5
-70°	85.2	79.2	73.1	66.4	59.6	52.9	46.5	40.1	33.8	29.2	24.4
-72.5°	70.6	65.4	59.9	54.2	48.8	43.3	37.7	32.5	28.7	24.6	20.4
-75°	56.3	51.8	47.4	43.0	38.4	33.7	30.2	27.0	23.6	20.0	16.8
-77.5°	41.9	38.5	35.2	32.3	29.2	26.4	23.9	21.5	18.7	16.0	13.5
-80°	28.8	26.9	24.9	22.8	20.8	19.1	17.8	16.2	14.1	12.1	10.1
-82.5°	17.5	16.7	15.9	15.1	14.3	13.4	12.3	11.1	9.6	8.1	7.0
-85°	11.1	10.5	9.9	9.3	8.6	7.8	7.2	6.6	6.0	5.3	4.7
-87.5°	5.3	5.0	4.7	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.3
-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°	2.0	1.8	1.5	1.1	0.8	0.4	0.0
85°	4.0	3.5	2.9	2.3	1.6	0.8	0.0
82.5°	6.1	5.3	4.4	3.4	2.3	1.2	0.0
80°	8.2	7.0	5.8	4.5	3.1	1.6	0.0
77.5°	11.1	9.0	7.3	5.6	3.9	1.9	0.0
75°	13.9	11.4	8.8	6.8	4.7	2.3	0.0
72.5°	16.8	13.7	10.7	7.9	5.4	2.7	0.0
70°	19.6	16.1	12.5	9.0	6.1	3.1	0.0
67.5°	23.2	18.4	14.4	10.4	6.9	3.4	0.0
65°	26.6	20.9	16.2	11.8	7.6	3.8	0.0
62.5°	30.0	23.7	18.0	13.1	8.3	4.2	0.0
60°	33.2	26.4	19.7	14.4	9.0	4.5	0.0
57.5°	37.2	29.0	21.8	15.7	9.8	4.8	0.0
55°	41.1	31.5	23.8	16.9	10.6	5.2	0.0
52.5°	44.9	34.1	25.7	18.1	11.4	5.5	0.0
50°	48.6	37.2	27.6	19.3	12.2	5.8	0.0
47.5°	52.2	40.1	29.4	20.5	12.9	6.1	0.0
45°	56.1	43.0	31.2	21.8	13.6	6.4	0.0
42.5°	59.9	45.7	32.8	23.0	14.3	6.6	0.0
40°	63.5	48.3	34.6	24.1	15.0	6.9	0.0
37.5°	66.9	50.8	36.6	25.2	15.6	7.1	0.0
35°	70.1	53.3	38.5	26.2	16.1	7.4	0.0
32.5°	73.1	55.8	40.2	27.2	16.7	7.6	0.0
30°	76.1	58.1	41.9	28.0	17.2	7.8	0.0
27.5°	78.9	60.3	43.4	28.8	17.7	8.0	0.0
25°	81.5	62.2	44.7	29.5	18.1	8.2	0.0
22.5°	83.9	64.0	46.0	30.2	18.5	8.3	0.0
20°	85.9	65.6	47.1	30.7	18.8	8.5	0.0
17.5°	87.8	67.1	48.2	31.2	19.2	8.6	0.0
15°	89.5	68.3	49.1	31.6	19.4	8.7	0.0
12.5°	90.9	69.4	49.8	32.0	19.7	8.8	0.0
10°	92.1	70.2	50.5	32.2	19.9	8.9	0.0
7.5°	93.0	70.9	50.9	32.4	20.0	8.9	0.0
5°	93.7	71.4	51.3	32.5	20.1	9.0	0.0
2.5°	94.1	71.7	51.5	32.5	20.2	9.0	0.0
0°	94.2	71.8	51.6	32.5	20.2	9.0	0.0
-2.5°	94.1	71.7	51.5	32.5	20.2	9.0	0.0
-5°	93.7	71.4	51.3	32.5	20.1	9.0	0.0
-7.5°	93.0	70.9	50.9	32.4	20.0	8.9	0.0
-10°	92.1	70.2	50.5	32.2	19.9	8.9	0.0
-12.5°	90.9	69.4	49.8	32.0	19.7	8.8	0.0
-15°	89.5	68.3	49.1	31.6	19.4	8.7	0.0
-17.5°	87.8	67.1	48.2	31.2	19.2	8.6	0.0
-20°	85.9	65.6	47.1	30.7	18.8	8.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	83.9	64.0	46.0	30.2	18.5	8.3	0.0
-25°	81.5	62.2	44.7	29.5	18.1	8.2	0.0
-27.5°	78.9	60.3	43.4	28.8	17.7	8.0	0.0
-30°	76.1	58.1	41.9	28.0	17.2	7.8	0.0
-32.5°	73.1	55.8	40.2	27.2	16.7	7.6	0.0
-35°	70.1	53.3	38.5	26.2	16.1	7.4	0.0
-37.5°	66.9	50.8	36.6	25.2	15.6	7.1	0.0
-40°	63.5	48.3	34.6	24.1	15.0	6.9	0.0
-42.5°	59.9	45.7	32.8	23.0	14.3	6.6	0.0
-45°	56.1	43.0	31.2	21.8	13.6	6.4	0.0
-47.5°	52.2	40.1	29.4	20.5	12.9	6.1	0.0
-50°	48.6	37.2	27.6	19.3	12.2	5.8	0.0
-52.5°	44.9	34.1	25.7	18.1	11.4	5.5	0.0
-55°	41.1	31.5	23.8	16.9	10.6	5.2	0.0
-57.5°	37.2	29.0	21.8	15.7	9.8	4.8	0.0
-60°	33.2	26.4	19.7	14.4	9.0	4.5	0.0
-62.5°	30.0	23.7	18.0	13.1	8.3	4.2	0.0
-65°	26.6	20.9	16.2	11.8	7.6	3.8	0.0
-67.5°	23.2	18.4	14.4	10.4	6.9	3.4	0.0
-70°	19.6	16.1	12.5	9.0	6.1	3.1	0.0
-72.5°	16.8	13.7	10.7	7.9	5.4	2.7	0.0
-75°	13.9	11.4	8.8	6.8	4.7	2.3	0.0
-77.5°	11.1	9.0	7.3	5.6	3.9	1.9	0.0
-80°	8.2	7.0	5.8	4.5	3.1	1.6	0.0
-82.5°	6.1	5.3	4.4	3.4	2.3	1.2	0.0
-85°	4.0	3.5	2.9	2.3	1.6	0.8	0.0
-87.5°	2.0	1.8	1.5	1.1	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)