

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: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558904 (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-940-U-TS-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

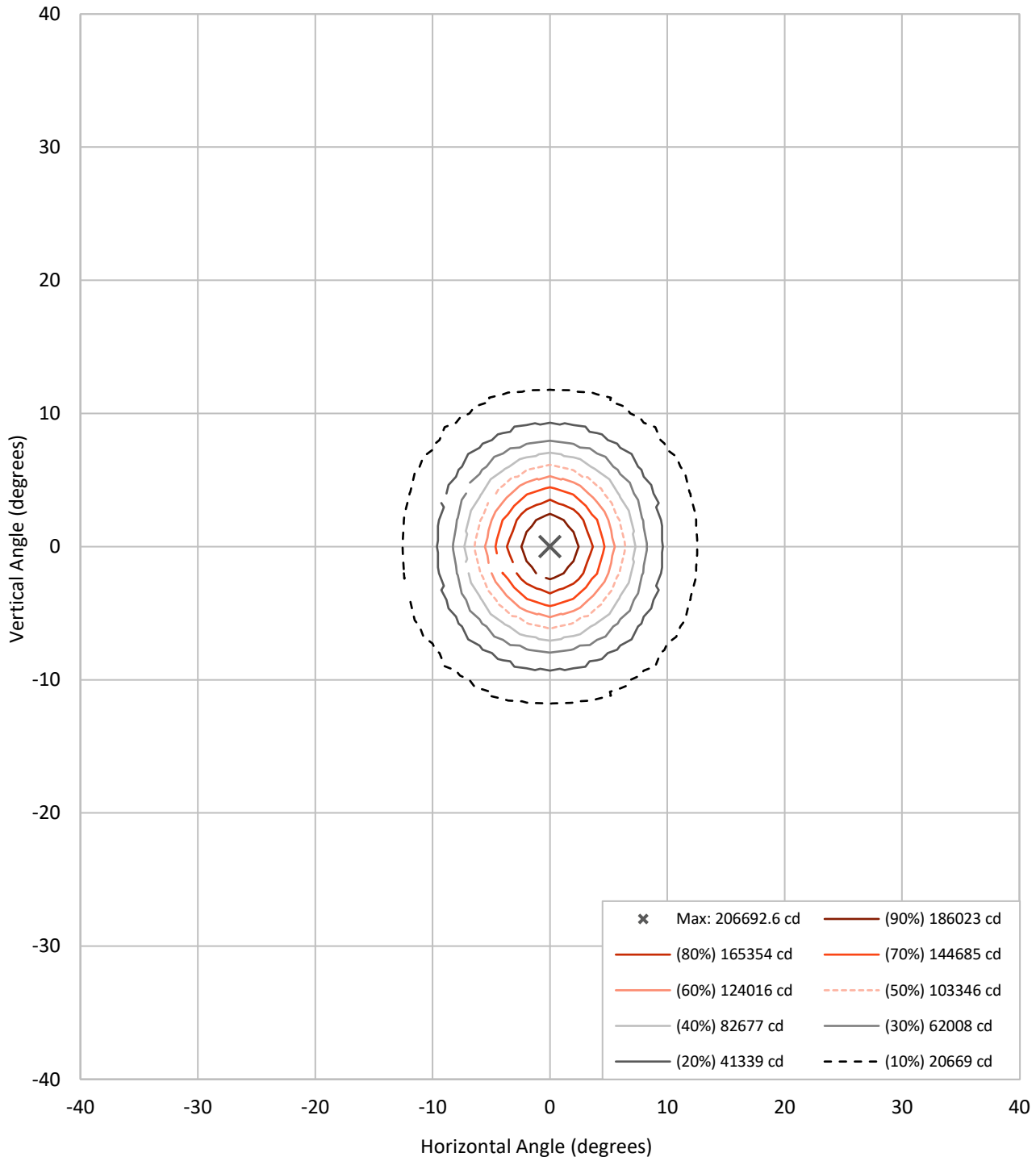
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	14982.5 lumens	Max Intensity:	206692.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	4734.2 lumens	Field Lumens:	10487.9 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: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





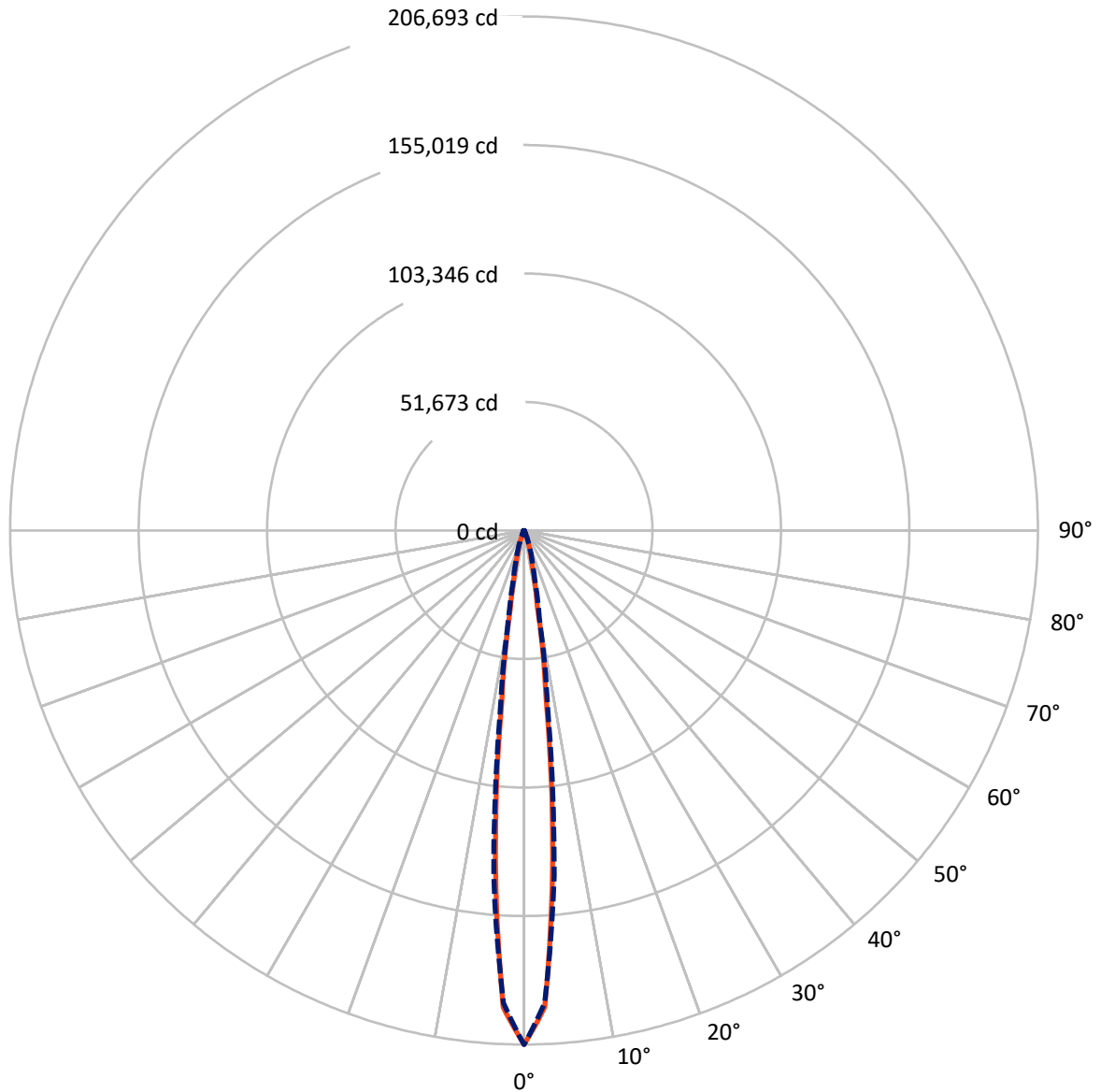
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Lumen Table

90																
80	0.2	1.7		4.8		7.8		9.0		7.8		4.8		1.7		0.2
70																
60	0.8	0.9	2.0	3.2	4.4	5.4	6.1	6.5	6.5	6.1	5.4	4.4	3.2	2.0	0.9	0.8
50		1.4	2.9	4.4	5.7	6.7	7.3	7.6	7.6	7.3	6.7	5.7	4.4	2.9	1.4	
40	1.5	1.9	3.6	5.1	6.4	7.5	8.3	8.7	8.7	8.3	7.5	6.4	5.1	3.6	1.9	1.5
30		2.2	4.0	5.5	7.1	9.1	11.4	12.9	12.9	11.4	9.1	7.1	5.5	4.0	2.2	
20	1.9	2.5	4.2	5.9	8.3	12.9	28.7	52.3	52.3	28.7	12.9	8.3	5.9	4.2	2.5	1.9
10		2.6	4.3	6.2	9.9	27.8	157.1	345.6	345.6	157.1	27.8	9.9	6.2	4.3	2.6	
0	2.1	2.7	4.4	6.4	11.0	53.4	377.1	2439.7	2439.7	377.1	53.4	11.0	6.4	4.4	2.7	2.1
-10		2.7	4.4	6.4	11.0	53.4	377.1	2439.7	2439.7	377.1	53.4	11.0	6.4	4.4	2.7	
-20	1.9	2.6	4.3	6.2	9.9	27.8	157.1	345.6	345.6	157.1	27.8	9.9	6.2	4.3	2.6	1.9
-30		2.5	4.2	5.9	8.3	12.9	28.7	52.3	52.3	28.7	12.9	8.3	5.9	4.2	2.5	
-40	1.5	2.2	4.0	5.5	7.1	9.1	11.4	12.9	12.9	11.4	9.1	7.1	5.5	4.0	2.2	1.5
-50		1.9	3.6	5.1	6.4	7.5	8.3	8.7	8.7	8.3	7.5	6.4	5.1	3.6	1.9	
-60	0.8	1.4	2.9	4.4	5.7	6.7	7.3	7.6	7.6	7.3	6.7	5.7	4.4	2.9	1.4	0.8
-70		0.9	2.0	3.2	4.4	5.4	6.1	6.5	6.5	6.1	5.4	4.4	3.2	2.0	0.9	
-80																
-90	0.2	1.7		4.8		7.8		9.0		7.8		4.8		1.7		0.2

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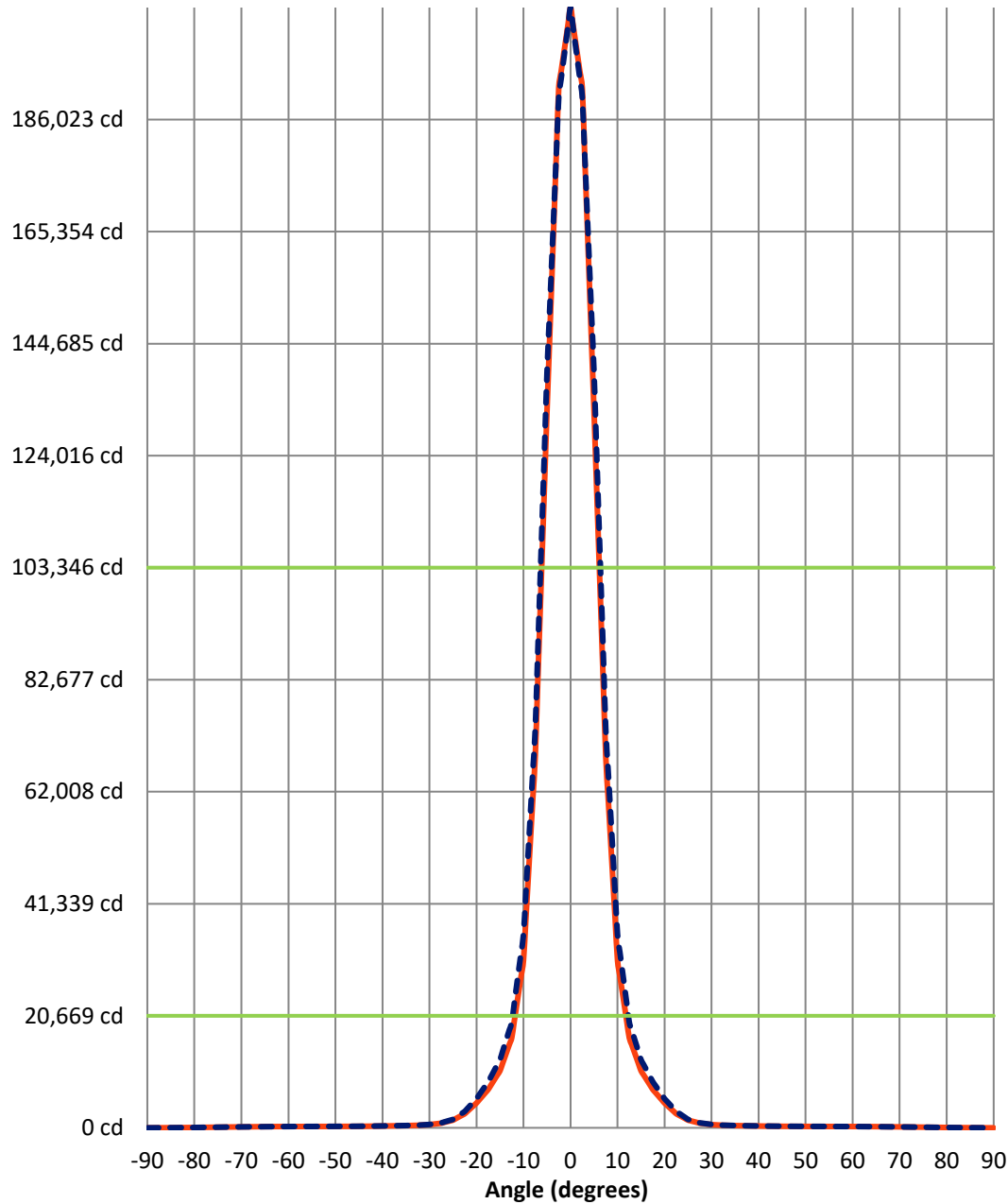
Luminous Intensity Polar Plot



— 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: 4734.2
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 10487.9
Efficiency: 70.0%

Spill:
Lumens: 4494.5
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	0.5	1.0	1.4	1.8	2.2	2.5	2.9	3.3	3.7	4.1
85°	0.0	1.0	1.9	2.8	3.6	4.3	5.0	5.8	6.6	7.4	8.2
82.5°	0.0	1.4	2.9	4.2	5.4	6.5	7.5	8.7	10.0	11.9	13.7
80°	0.0	1.9	3.9	5.6	7.2	8.7	10.2	12.5	15.0	17.5	20.1
77.5°	0.0	2.4	4.8	7.0	9.0	11.1	13.7	16.7	19.9	23.1	26.6
75°	0.0	2.9	5.7	8.4	10.9	14.1	17.3	20.9	24.8	29.3	33.5
72.5°	0.0	3.3	6.7	9.7	13.2	17.0	20.8	25.3	30.5	35.6	40.4
70°	0.0	3.8	7.6	11.1	15.5	19.9	24.4	30.3	36.2	41.9	49.7
67.5°	0.0	4.2	8.5	12.9	17.8	22.8	28.7	35.3	41.9	50.5	59.5
65°	0.0	4.7	9.4	14.5	20.1	25.9	33.0	40.3	49.2	58.9	69.3
62.5°	0.0	5.1	10.2	16.2	22.3	29.4	37.2	46.0	56.4	67.3	79.3
60°	0.0	5.5	11.1	17.8	24.4	32.7	41.2	52.0	63.3	76.2	89.2
57.5°	0.0	6.0	12.1	19.4	27.0	36.0	46.1	57.7	70.8	84.9	99.2
55°	0.0	6.4	13.1	20.9	29.5	39.1	51.0	63.4	78.3	93.5	109.1
52.5°	0.0	6.8	14.1	22.4	31.9	42.3	55.7	69.8	85.6	102.1	118.8
50°	0.0	7.1	15.1	23.9	34.3	46.1	60.2	76.0	92.8	110.5	128.3
47.5°	0.0	7.5	16.0	25.3	36.5	49.8	64.7	82.0	100.0	118.7	137.6
45°	0.0	7.8	16.8	26.9	38.7	53.3	69.6	87.8	107.0	126.8	146.7
42.5°	0.0	8.2	17.7	28.5	40.7	56.7	74.3	93.5	113.7	134.6	154.4
40°	0.0	8.5	18.5	29.9	43.0	59.9	78.8	99.1	120.2	142.2	161.6
37.5°	0.0	8.8	19.2	31.3	45.4	63.0	83.0	104.4	126.5	149.0	168.5
35°	0.0	9.1	20.0	32.5	47.7	66.2	86.9	109.4	132.5	154.7	174.8
32.5°	0.0	9.4	20.6	33.7	49.9	69.2	90.7	114.1	138.0	160.1	180.1
30°	0.0	9.6	21.3	34.8	52.0	72.1	94.5	118.5	143.1	165.1	185.1
27.5°	0.0	9.8	21.9	35.8	53.8	74.8	98.0	122.7	147.6	169.8	189.7
25°	0.0	10.1	22.4	36.6	55.5	77.2	101.2	126.4	151.3	173.7	193.9
22.5°	0.0	10.3	22.9	37.4	57.1	79.4	104.1	129.8	154.7	177.2	197.1
20°	0.0	10.4	23.3	38.1	58.5	81.4	106.7	132.9	157.8	180.2	199.9
17.5°	0.0	10.6	23.7	38.8	59.7	83.2	109.0	135.5	160.5	182.9	202.5
15°	0.0	10.7	24.1	39.3	60.8	84.8	111.1	137.8	162.8	185.1	204.8
12.5°	0.0	10.8	24.3	39.7	61.8	86.1	112.9	139.7	164.7	187.0	206.7
10°	0.0	10.9	24.6	40.0	62.6	87.2	114.3	141.2	166.2	188.6	208.2
7.5°	0.0	11.0	24.8	40.3	63.2	88.0	115.4	142.3	167.4	189.7	209.3
5°	0.0	11.1	24.9	40.4	63.6	88.6	116.3	143.0	168.1	190.4	210.0
2.5°	0.0	11.1	25.0	40.4	63.9	89.0	116.7	143.3	168.5	190.7	210.2
0°	0.0	11.1	25.0	40.4	63.9	89.0	116.7	143.3	168.5	190.7	210.2
-2.5°	0.0	11.1	25.0	40.4	63.9	89.0	116.7	143.3	168.5	190.7	210.2
-5°	0.0	11.1	24.9	40.4	63.6	88.6	116.3	143.0	168.1	190.4	210.0
-7.5°	0.0	11.0	24.8	40.3	63.2	88.0	115.4	142.3	167.4	189.7	209.3
-10°	0.0	10.9	24.6	40.0	62.6	87.2	114.3	141.2	166.2	188.6	208.2
-12.5°	0.0	10.8	24.3	39.7	61.8	86.1	112.9	139.7	164.7	187.0	206.7
-15°	0.0	10.7	24.1	39.3	60.8	84.8	111.1	137.8	162.8	185.1	204.8
-17.5°	0.0	10.6	23.7	38.8	59.7	83.2	109.0	135.5	160.5	182.9	202.5
-20°	0.0	10.4	23.3	38.1	58.5	81.4	106.7	132.9	157.8	180.2	199.9



REPORT NUMBER: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	10.3	22.9	37.4	57.1	79.4	104.1	129.8	154.7	177.2	197.1
-25°	0.0	10.1	22.4	36.6	55.5	77.2	101.2	126.4	151.3	173.7	193.9
-27.5°	0.0	9.8	21.9	35.8	53.8	74.8	98.0	122.7	147.6	169.8	189.7
-30°	0.0	9.6	21.3	34.8	52.0	72.1	94.5	118.5	143.1	165.1	185.1
-32.5°	0.0	9.4	20.6	33.7	49.9	69.2	90.7	114.1	138.0	160.1	180.1
-35°	0.0	9.1	20.0	32.5	47.7	66.2	86.9	109.4	132.5	154.7	174.8
-37.5°	0.0	8.8	19.2	31.3	45.4	63.0	83.0	104.4	126.5	149.0	168.5
-40°	0.0	8.5	18.5	29.9	43.0	59.9	78.8	99.1	120.2	142.2	161.6
-42.5°	0.0	8.2	17.7	28.5	40.7	56.7	74.3	93.5	113.7	134.6	154.4
-45°	0.0	7.8	16.8	26.9	38.7	53.3	69.6	87.8	107.0	126.8	146.7
-47.5°	0.0	7.5	16.0	25.3	36.5	49.8	64.7	82.0	100.0	118.7	137.6
-50°	0.0	7.1	15.1	23.9	34.3	46.1	60.2	76.0	92.8	110.5	128.3
-52.5°	0.0	6.8	14.1	22.4	31.9	42.3	55.7	69.8	85.6	102.1	118.8
-55°	0.0	6.4	13.1	20.9	29.5	39.1	51.0	63.4	78.3	93.5	109.1
-57.5°	0.0	6.0	12.1	19.4	27.0	36.0	46.1	57.7	70.8	84.9	99.2
-60°	0.0	5.5	11.1	17.8	24.4	32.7	41.2	52.0	63.3	76.2	89.2
-62.5°	0.0	5.1	10.2	16.2	22.3	29.4	37.2	46.0	56.4	67.3	79.3
-65°	0.0	4.7	9.4	14.5	20.1	25.9	33.0	40.3	49.2	58.9	69.3
-67.5°	0.0	4.2	8.5	12.9	17.8	22.8	28.7	35.3	41.9	50.5	59.5
-70°	0.0	3.8	7.6	11.1	15.5	19.9	24.4	30.3	36.2	41.9	49.7
-72.5°	0.0	3.3	6.7	9.7	13.2	17.0	20.8	25.3	30.5	35.6	40.4
-75°	0.0	2.9	5.7	8.4	10.9	14.1	17.3	20.9	24.8	29.3	33.5
-77.5°	0.0	2.4	4.8	7.0	9.0	11.1	13.7	16.7	19.9	23.1	26.6
-80°	0.0	1.9	3.9	5.6	7.2	8.7	10.2	12.5	15.0	17.5	20.1
-82.5°	0.0	1.4	2.9	4.2	5.4	6.5	7.5	8.7	10.0	11.9	13.7
-85°	0.0	1.0	1.9	2.8	3.6	4.3	5.0	5.8	6.6	7.4	8.2
-87.5°	0.0	0.5	1.0	1.4	1.8	2.2	2.5	2.9	3.3	3.7	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	4.8	5.2	5.6	5.9	6.2	6.6	6.9	7.2	7.4	7.7
85°	8.9	9.7	10.7	11.5	12.4	13.1	13.8	14.3	15.2	16.0	16.9
82.5°	15.3	16.7	17.8	18.8	19.8	20.7	21.8	23.4	25.5	27.5	29.4
80°	22.1	23.6	25.9	28.3	30.9	33.4	35.8	38.0	40.5	43.2	46.0
77.5°	29.6	32.8	36.2	40.0	43.6	47.7	52.0	56.2	60.1	63.5	66.5
75°	37.5	41.8	47.6	53.4	58.9	64.3	69.9	75.2	79.9	84.3	88.7
72.5°	46.7	53.8	60.6	67.3	74.4	81.2	87.6	93.6	99.6	105.6	111.2
70°	57.8	65.7	74.0	82.5	90.7	98.2	105.6	113.2	120.6	127.3	133.3
67.5°	68.8	78.3	87.8	97.3	106.3	114.9	123.7	132.4	140.7	147.7	154.0
65°	80.1	90.7	101.4	111.7	121.4	131.5	141.5	151.1	158.8	165.3	171.5
62.5°	91.1	103.2	114.8	126.0	137.1	148.2	157.7	166.3	174.3	181.3	188.1
60°	102.5	115.5	128.1	140.5	152.2	162.3	172.0	180.6	188.7	196.5	202.2
57.5°	113.6	127.7	141.3	154.0	165.2	175.6	185.0	194.1	201.1	207.3	213.5
55°	124.6	139.7	153.7	166.2	177.6	187.6	197.0	204.6	211.6	217.4	223.5
52.5°	135.3	151.1	164.9	177.6	188.5	198.4	206.8	214.3	220.8	226.7	231.7
50°	145.8	161.2	175.6	187.6	198.5	207.8	215.6	222.8	229.1	234.6	239.1
47.5°	155.1	171.1	184.6	196.9	207.3	216.1	223.6	230.5	236.8	241.6	246.1
45°	163.8	179.5	193.4	205.0	215.2	223.4	230.7	237.9	243.1	247.9	251.3
42.5°	172.1	187.4	200.9	212.9	221.8	229.9	237.3	243.5	248.9	253.0	256.7
40°	179.2	195.0	207.9	218.8	228.0	235.6	242.5	248.7	254.0	258.1	262.1
37.5°	185.9	201.1	214.2	224.4	232.9	240.5	247.3	253.1	258.3	262.7	268.1
35°	192.4	207.0	219.1	229.0	237.3	244.8	251.4	257.2	262.4	268.3	274.6
32.5°	197.8	212.5	223.7	232.8	241.0	248.7	255.1	261.1	267.1	273.8	281.7
30°	202.5	216.6	227.7	236.2	244.5	251.6	258.6	265.1	271.6	279.7	289.9
27.5°	206.7	220.3	230.6	239.2	247.5	254.2	261.5	268.8	276.5	285.9	298.8
25°	210.6	223.7	233.2	241.9	249.6	256.6	264.2	271.6	281.2	293.7	310.5
22.5°	213.8	226.8	235.4	244.3	251.4	258.8	266.5	274.9	285.8	300.9	322.8
20°	216.4	228.7	237.4	246.2	252.8	260.7	268.6	277.8	290.7	310.3	335.8
17.5°	218.7	230.3	239.0	247.3	254.3	262.4	270.5	280.1	294.8	319.2	347.7
15°	220.8	231.7	240.3	248.2	255.6	263.6	272.2	283.1	300.2	327.8	358.5
12.5°	222.5	232.8	241.3	248.8	256.6	264.5	273.6	285.6	306.0	335.8	369.2
10°	224.0	233.6	242.0	249.3	257.3	265.0	274.7	287.3	310.1	340.3	375.5
7.5°	224.9	234.2	242.5	249.6	257.8	265.1	275.5	288.2	312.7	342.7	379.0
5°	225.4	234.7	243.0	250.1	258.2	265.5	276.1	288.3	313.7	343.2	380.3
2.5°	225.6	235.1	243.4	250.4	258.7	266.5	277.4	289.8	314.7	344.9	381.2
0°	225.4	235.2	243.5	250.5	258.8	267.2	278.3	290.8	314.5	346.5	381.3
-2.5°	225.6	235.1	243.4	250.4	258.7	266.5	277.4	289.8	314.7	344.9	381.2
-5°	225.4	234.7	243.0	250.1	258.2	265.5	276.1	288.3	313.7	343.2	380.3
-7.5°	224.9	234.2	242.5	249.6	257.8	265.1	275.5	288.2	312.7	342.7	379.0
-10°	224.0	233.6	242.0	249.3	257.3	265.0	274.7	287.3	310.1	340.3	375.5
-12.5°	222.5	232.8	241.3	248.8	256.6	264.5	273.6	285.6	306.0	335.8	369.2
-15°	220.8	231.7	240.3	248.2	255.6	263.6	272.2	283.1	300.2	327.8	358.5
-17.5°	218.7	230.3	239.0	247.3	254.3	262.4	270.5	280.1	294.8	319.2	347.7
-20°	216.4	228.7	237.4	246.2	252.8	260.7	268.6	277.8	290.7	310.3	335.8



REPORT NUMBER: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	213.8	226.8	235.4	244.3	251.4	258.8	266.5	274.9	285.8	300.9	322.8
-25°	210.6	223.7	233.2	241.9	249.6	256.6	264.2	271.6	281.2	293.7	310.5
-27.5°	206.7	220.3	230.6	239.2	247.5	254.2	261.5	268.8	276.5	285.9	298.8
-30°	202.5	216.6	227.7	236.2	244.5	251.6	258.6	265.1	271.6	279.7	289.9
-32.5°	197.8	212.5	223.7	232.8	241.0	248.7	255.1	261.1	267.1	273.8	281.7
-35°	192.4	207.0	219.1	229.0	237.3	244.8	251.4	257.2	262.4	268.3	274.6
-37.5°	185.9	201.1	214.2	224.4	232.9	240.5	247.3	253.1	258.3	262.7	268.1
-40°	179.2	195.0	207.9	218.8	228.0	235.6	242.5	248.7	254.0	258.1	262.1
-42.5°	172.1	187.4	200.9	212.9	221.8	229.9	237.3	243.5	248.9	253.0	256.7
-45°	163.8	179.5	193.4	205.0	215.2	223.4	230.7	237.9	243.1	247.9	251.3
-47.5°	155.1	171.1	184.6	196.9	207.3	216.1	223.6	230.5	236.8	241.6	246.1
-50°	145.8	161.2	175.6	187.6	198.5	207.8	215.6	222.8	229.1	234.6	239.1
-52.5°	135.3	151.1	164.9	177.6	188.5	198.4	206.8	214.3	220.8	226.7	231.7
-55°	124.6	139.7	153.7	166.2	177.6	187.6	197.0	204.6	211.6	217.4	223.5
-57.5°	113.6	127.7	141.3	154.0	165.2	175.6	185.0	194.1	201.1	207.3	213.5
-60°	102.5	115.5	128.1	140.5	152.2	162.3	172.0	180.6	188.7	196.5	202.2
-62.5°	91.1	103.2	114.8	126.0	137.1	148.2	157.7	166.3	174.3	181.3	188.1
-65°	80.1	90.7	101.4	111.7	121.4	131.5	141.5	151.1	158.8	165.3	171.5
-67.5°	68.8	78.3	87.8	97.3	106.3	114.9	123.7	132.4	140.7	147.7	154.0
-70°	57.8	65.7	74.0	82.5	90.7	98.2	105.6	113.2	120.6	127.3	133.3
-72.5°	46.7	53.8	60.6	67.3	74.4	81.2	87.6	93.6	99.6	105.6	111.2
-75°	37.5	41.8	47.6	53.4	58.9	64.3	69.9	75.2	79.9	84.3	88.7
-77.5°	29.6	32.8	36.2	40.0	43.6	47.7	52.0	56.2	60.1	63.5	66.5
-80°	22.1	23.6	25.9	28.3	30.9	33.4	35.8	38.0	40.5	43.2	46.0
-82.5°	15.3	16.7	17.8	18.8	19.8	20.7	21.8	23.4	25.5	27.5	29.4
-85°	8.9	9.7	10.7	11.5	12.4	13.1	13.8	14.3	15.2	16.0	16.9
-87.5°	4.5	4.8	5.2	5.6	5.9	6.2	6.6	6.9	7.2	7.4	7.7
-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: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	7.9	7.9	7.8	7.7	7.5	7.7	7.8	7.9	8.0	8.1	8.2
85°	17.7	18.5	19.2	20.0	20.8	21.4	21.8	22.3	22.6	23.0	23.2
82.5°	31.1	32.7	34.1	35.4	36.6	37.6	38.4	39.2	39.8	40.4	40.9
80°	48.5	51.0	53.2	55.4	57.3	58.9	60.2	61.3	62.2	63.1	63.9
77.5°	69.4	72.8	76.0	78.9	81.4	83.6	85.5	87.1	88.4	90.1	91.7
75°	93.0	97.0	100.7	104.1	107.2	109.9	112.4	114.5	116.4	118.2	119.7
72.5°	116.6	121.4	125.7	129.3	132.6	135.8	138.9	141.8	144.4	146.5	147.9
70°	138.8	143.8	148.4	152.5	156.3	160.3	164.3	168.0	171.4	173.6	174.8
67.5°	159.2	164.3	169.4	174.5	179.1	183.2	187.3	191.0	194.3	196.5	197.9
65°	177.5	183.2	188.8	194.0	198.8	202.4	206.0	209.5	212.8	215.4	217.3
62.5°	194.7	200.3	205.0	209.5	213.6	217.1	220.7	223.9	226.7	229.2	231.5
60°	207.9	213.5	218.1	222.2	226.1	229.6	232.4	234.8	236.7	238.3	239.7
57.5°	219.2	224.5	229.2	232.6	236.0	239.3	241.8	243.3	244.4	245.3	245.9
55°	228.8	233.2	237.0	240.8	244.2	247.1	249.3	250.2	250.9	251.2	251.5
52.5°	236.6	240.9	244.9	248.4	251.1	253.5	255.6	256.2	256.5	256.7	256.7
50°	243.8	247.9	251.1	254.1	256.8	259.0	260.8	261.7	262.2	262.3	262.0
47.5°	249.5	253.1	256.6	259.7	262.4	265.0	267.1	268.3	269.1	269.5	269.4
45°	254.6	258.8	262.5	266.1	269.2	272.6	275.5	277.4	279.3	280.6	281.3
42.5°	260.6	264.7	268.8	273.8	278.4	282.8	287.5	291.7	296.0	300.6	303.7
40°	266.7	271.1	277.5	283.5	290.2	296.3	306.2	316.2	323.7	330.1	335.9
37.5°	273.6	280.2	287.8	295.5	306.5	317.8	330.3	342.7	353.4	363.1	370.9
35°	281.6	290.5	299.7	313.4	327.4	341.4	356.4	372.8	386.7	396.9	404.2
32.5°	291.4	302.5	317.4	334.9	352.0	370.2	388.4	406.7	420.4	434.5	448.7
30°	302.2	318.2	337.4	358.8	380.2	402.0	424.7	450.0	474.1	500.0	537.1
27.5°	316.0	335.5	358.1	383.4	409.2	435.1	474.8	518.3	582.8	634.4	721.9
25°	330.7	353.6	380.6	409.8	441.3	487.7	560.4	646.2	798.3	916.2	1095.2
22.5°	347.2	374.1	403.9	437.5	488.3	575.8	700.0	920.4	1227.1	1530.0	1866.8
20°	363.4	393.2	425.8	476.7	563.0	701.4	970.4	1447.0	1979.2	2737.0	3373.0
17.5°	378.8	410.4	451.8	520.6	649.9	928.3	1449.3	2265.5	3377.1	4598.6	5617.2
15°	392.3	424.6	480.4	589.3	807.7	1241.3	2028.0	3417.2	5284.9	6957.3	8449.0
12.5°	403.7	441.9	511.3	644.8	944.8	1586.6	2848.6	4821.2	7101.9	9447.4	11335.2
10°	412.0	460.4	552.7	747.5	1162.6	1997.6	3532.5	6020.7	8766.9	11617.6	15030.2
7.5°	417.0	473.6	584.0	823.7	1356.8	2455.1	4390.4	7091.7	10245.3	14136.9	19350.8
5°	420.6	482.5	607.3	881.1	1486.6	2757.5	4932.0	7903.2	11521.0	17147.9	27878.5
2.5°	422.3	486.4	620.5	912.6	1545.7	2913.1	5313.2	8367.8	12297.1	19272.1	33786.1
0°	421.6	484.2	622.0	919.8	1554.3	3032.0	5376.6	8500.5	12559.4	19462.4	35680.0
-2.5°	422.3	486.4	620.5	912.6	1545.7	2913.1	5313.2	8367.8	12297.1	19272.1	33786.1
-5°	420.6	482.5	607.3	881.1	1486.6	2757.5	4932.0	7903.2	11521.0	17147.9	27878.5
-7.5°	417.0	473.6	584.0	823.7	1356.8	2455.1	4390.4	7091.7	10245.3	14136.9	19350.8
-10°	412.0	460.4	552.7	747.5	1162.6	1997.6	3532.5	6020.7	8766.9	11617.6	15030.2
-12.5°	403.7	441.9	511.3	644.8	944.8	1586.6	2848.6	4821.2	7101.9	9447.4	11335.2
-15°	392.3	424.6	480.4	589.3	807.7	1241.3	2028.0	3417.2	5284.9	6957.3	8449.0
-17.5°	378.8	410.4	451.8	520.6	649.9	928.3	1449.3	2265.5	3377.1	4598.6	5617.2
-20°	363.4	393.2	425.8	476.7	563.0	701.4	970.4	1447.0	1979.2	2737.0	3373.0



REPORT NUMBER: P558904 (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°	347.2	374.1	403.9	437.5	488.3	575.8	700.0	920.4	1227.1	1530.0	1866.8
-25°	330.7	353.6	380.6	409.8	441.3	487.7	560.4	646.2	798.3	916.2	1095.2
-27.5°	316.0	335.5	358.1	383.4	409.2	435.1	474.8	518.3	582.8	634.4	721.9
-30°	302.2	318.2	337.4	358.8	380.2	402.0	424.7	450.0	474.1	500.0	537.1
-32.5°	291.4	302.5	317.4	334.9	352.0	370.2	388.4	406.7	420.4	434.5	448.7
-35°	281.6	290.5	299.7	313.4	327.4	341.4	356.4	372.8	386.7	396.9	404.2
-37.5°	273.6	280.2	287.8	295.5	306.5	317.8	330.3	342.7	353.4	363.1	370.9
-40°	266.7	271.1	277.5	283.5	290.2	296.3	306.2	316.2	323.7	330.1	335.9
-42.5°	260.6	264.7	268.8	273.8	278.4	282.8	287.5	291.7	296.0	300.6	303.7
-45°	254.6	258.8	262.5	266.1	269.2	272.6	275.5	277.4	279.3	280.6	281.3
-47.5°	249.5	253.1	256.6	259.7	262.4	265.0	267.1	268.3	269.1	269.5	269.4
-50°	243.8	247.9	251.1	254.1	256.8	259.0	260.8	261.7	262.2	262.3	262.0
-52.5°	236.6	240.9	244.9	248.4	251.1	253.5	255.6	256.2	256.5	256.7	256.7
-55°	228.8	233.2	237.0	240.8	244.2	247.1	249.3	250.2	250.9	251.2	251.5
-57.5°	219.2	224.5	229.2	232.6	236.0	239.3	241.8	243.3	244.4	245.3	245.9
-60°	207.9	213.5	218.1	222.2	226.1	229.6	232.4	234.8	236.7	238.3	239.7
-62.5°	194.7	200.3	205.0	209.5	213.6	217.1	220.7	223.9	226.7	229.2	231.5
-65°	177.5	183.2	188.8	194.0	198.8	202.4	206.0	209.5	212.8	215.4	217.3
-67.5°	159.2	164.3	169.4	174.5	179.1	183.2	187.3	191.0	194.3	196.5	197.9
-70°	138.8	143.8	148.4	152.5	156.3	160.3	164.3	168.0	171.4	173.6	174.8
-72.5°	116.6	121.4	125.7	129.3	132.6	135.8	138.9	141.8	144.4	146.5	147.9
-75°	93.0	97.0	100.7	104.1	107.2	109.9	112.4	114.5	116.4	118.2	119.7
-77.5°	69.4	72.8	76.0	78.9	81.4	83.6	85.5	87.1	88.4	90.1	91.7
-80°	48.5	51.0	53.2	55.4	57.3	58.9	60.2	61.3	62.2	63.1	63.9
-82.5°	31.1	32.7	34.1	35.4	36.6	37.6	38.4	39.2	39.8	40.4	40.9
-85°	17.7	18.5	19.2	20.0	20.8	21.4	21.8	22.3	22.6	23.0	23.2
-87.5°	7.9	7.9	7.8	7.7	7.5	7.7	7.8	7.9	8.0	8.1	8.2
-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: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9
85°	23.4	23.6	23.7	23.7	23.7	23.6	23.4	23.2	23.0	22.6	22.3
82.5°	41.2	41.5	41.6	41.7	41.6	41.5	41.2	40.9	40.4	39.8	39.2
80°	64.6	65.0	65.3	65.4	65.3	65.0	64.6	63.9	63.1	62.2	61.3
77.5°	93.0	94.0	94.5	94.6	94.5	94.0	93.0	91.7	90.1	88.4	87.1
75°	120.9	121.7	122.2	122.4	122.2	121.7	120.9	119.7	118.2	116.4	114.5
72.5°	149.0	149.6	150.8	151.7	150.8	149.6	149.0	147.9	146.5	144.4	141.8
70°	175.6	176.0	177.1	178.1	177.1	176.0	175.6	174.8	173.6	171.4	168.0
67.5°	198.9	199.6	199.6	199.0	199.6	199.6	198.9	197.9	196.5	194.3	191.0
65°	219.0	220.3	220.4	219.9	220.4	220.3	219.0	217.3	215.4	212.8	209.5
62.5°	233.6	235.6	236.3	236.5	236.3	235.6	233.6	231.5	229.2	226.7	223.9
60°	240.8	241.7	242.0	242.1	242.0	241.7	240.8	239.7	238.3	236.7	234.8
57.5°	246.2	246.2	246.2	246.3	246.2	246.2	246.2	245.9	245.3	244.4	243.3
55°	251.7	251.7	251.3	250.5	251.3	251.7	251.7	251.5	251.2	250.9	250.2
52.5°	256.5	256.1	255.4	254.6	255.4	256.1	256.5	256.7	256.7	256.5	256.2
50°	261.4	260.5	260.1	260.2	260.1	260.5	261.4	262.0	262.3	262.2	261.7
47.5°	269.2	268.7	268.4	268.6	268.4	268.7	269.2	269.4	269.5	269.1	268.3
45°	281.6	281.1	280.8	281.1	280.8	281.1	281.6	281.3	280.6	279.3	277.4
42.5°	305.5	305.7	305.5	306.1	305.5	305.7	305.5	303.7	300.6	296.0	291.7
40°	338.3	338.1	337.0	336.7	337.0	338.1	338.3	335.9	330.1	323.7	316.2
37.5°	374.1	374.2	373.0	372.9	373.0	374.2	374.1	370.9	363.1	353.4	342.7
35°	408.0	409.2	409.0	407.7	409.0	409.2	408.0	404.2	396.9	386.7	372.8
32.5°	458.8	466.6	470.7	468.9	470.7	466.6	458.8	448.7	434.5	420.4	406.7
30°	560.4	580.4	590.9	595.5	590.9	580.4	560.4	537.1	500.0	474.1	450.0
27.5°	784.5	828.7	848.6	855.8	848.6	828.7	784.5	721.9	634.4	582.8	518.3
25°	1251.5	1351.4	1400.7	1416.5	1400.7	1351.4	1251.5	1095.2	916.2	798.3	646.2
22.5°	2237.8	2430.2	2561.8	2590.9	2561.8	2430.2	2237.8	1866.8	1530.0	1227.1	920.4
20°	4012.4	4384.5	4586.3	4568.2	4586.3	4384.5	4012.4	3373.0	2737.0	1979.2	1447.0
17.5°	6483.1	6960.2	7187.3	7081.2	7187.3	6960.2	6483.1	5617.2	4598.6	3377.1	2265.5
15°	9503.9	10148.5	10429.7	10516.7	10429.7	10148.5	9503.9	8449.0	6957.3	5284.9	3417.2
12.5°	13219.6	15332.8	16343.4	16614.1	16343.4	15332.8	13219.6	11335.2	9447.4	7101.9	4821.2
10°	18520.8	25624.1	29849.2	30880.8	29849.2	25624.1	18520.8	15030.2	11617.6	8766.9	6020.7
7.5°	30246.0	44680.4	60850.4	68507.5	60850.4	44680.4	30246.0	19350.8	14136.9	10245.3	7091.7
5°	46125.0	80053.7	117492.0	132168.5	117492.0	80053.7	46125.0	27878.5	17147.9	11521.0	7903.2
2.5°	65428.7	120875.0	172605.5	191889.5	172605.5	120875.0	65428.7	33786.1	19272.1	12297.1	8367.8
0°	73584.3	139355.4	190173.9	206692.6	190173.9	139355.4	73584.3	35680.0	19462.4	12559.4	8500.5
-2.5°	65428.7	120875.0	172605.5	191889.5	172605.5	120875.0	65428.7	33786.1	19272.1	12297.1	8367.8
-5°	46125.0	80053.7	117492.0	132168.5	117492.0	80053.7	46125.0	27878.5	17147.9	11521.0	7903.2
-7.5°	30246.0	44680.4	60850.4	68507.5	60850.4	44680.4	30246.0	19350.8	14136.9	10245.3	7091.7
-10°	18520.8	25624.1	29849.2	30880.8	29849.2	25624.1	18520.8	15030.2	11617.6	8766.9	6020.7
-12.5°	13219.6	15332.8	16343.4	16614.1	16343.4	15332.8	13219.6	11335.2	9447.4	7101.9	4821.2
-15°	9503.9	10148.5	10429.7	10516.7	10429.7	10148.5	9503.9	8449.0	6957.3	5284.9	3417.2
-17.5°	6483.1	6960.2	7187.3	7081.2	7187.3	6960.2	6483.1	5617.2	4598.6	3377.1	2265.5
-20°	4012.4	4384.5	4586.3	4568.2	4586.3	4384.5	4012.4	3373.0	2737.0	1979.2	1447.0



REPORT NUMBER: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	2237.8	2430.2	2561.8	2590.9	2561.8	2430.2	2237.8	1866.8	1530.0	1227.1	920.4
-25°	1251.5	1351.4	1400.7	1416.5	1400.7	1351.4	1251.5	1095.2	916.2	798.3	646.2
-27.5°	784.5	828.7	848.6	855.8	848.6	828.7	784.5	721.9	634.4	582.8	518.3
-30°	560.4	580.4	590.9	595.5	590.9	580.4	560.4	537.1	500.0	474.1	450.0
-32.5°	458.8	466.6	470.7	468.9	470.7	466.6	458.8	448.7	434.5	420.4	406.7
-35°	408.0	409.2	409.0	407.7	409.0	409.2	408.0	404.2	396.9	386.7	372.8
-37.5°	374.1	374.2	373.0	372.9	373.0	374.2	374.1	370.9	363.1	353.4	342.7
-40°	338.3	338.1	337.0	336.7	337.0	338.1	338.3	335.9	330.1	323.7	316.2
-42.5°	305.5	305.7	305.5	306.1	305.5	305.7	305.5	303.7	300.6	296.0	291.7
-45°	281.6	281.1	280.8	281.1	280.8	281.1	281.6	281.3	280.6	279.3	277.4
-47.5°	269.2	268.7	268.4	268.6	268.4	268.7	269.2	269.4	269.5	269.1	268.3
-50°	261.4	260.5	260.1	260.2	260.1	260.5	261.4	262.0	262.3	262.2	261.7
-52.5°	256.5	256.1	255.4	254.6	255.4	256.1	256.5	256.7	256.7	256.5	256.2
-55°	251.7	251.7	251.3	250.5	251.3	251.7	251.7	251.5	251.2	250.9	250.2
-57.5°	246.2	246.2	246.2	246.3	246.2	246.2	246.2	245.9	245.3	244.4	243.3
-60°	240.8	241.7	242.0	242.1	242.0	241.7	240.8	239.7	238.3	236.7	234.8
-62.5°	233.6	235.6	236.3	236.5	236.3	235.6	233.6	231.5	229.2	226.7	223.9
-65°	219.0	220.3	220.4	219.9	220.4	220.3	219.0	217.3	215.4	212.8	209.5
-67.5°	198.9	199.6	199.6	199.0	199.6	199.6	198.9	197.9	196.5	194.3	191.0
-70°	175.6	176.0	177.1	178.1	177.1	176.0	175.6	174.8	173.6	171.4	168.0
-72.5°	149.0	149.6	150.8	151.7	150.8	149.6	149.0	147.9	146.5	144.4	141.8
-75°	120.9	121.7	122.2	122.4	122.2	121.7	120.9	119.7	118.2	116.4	114.5
-77.5°	93.0	94.0	94.5	94.6	94.5	94.0	93.0	91.7	90.1	88.4	87.1
-80°	64.6	65.0	65.3	65.4	65.3	65.0	64.6	63.9	63.1	62.2	61.3
-82.5°	41.2	41.5	41.6	41.7	41.6	41.5	41.2	40.9	40.4	39.8	39.2
-85°	23.4	23.6	23.7	23.7	23.7	23.6	23.4	23.2	23.0	22.6	22.3
-87.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	7.8	7.7	7.5	7.7	7.8	7.9	7.9	7.7	7.4	7.2	6.9
85°	21.8	21.4	20.8	20.0	19.2	18.5	17.7	16.9	16.0	15.2	14.3
82.5°	38.4	37.6	36.6	35.4	34.1	32.7	31.1	29.4	27.5	25.5	23.4
80°	60.2	58.9	57.3	55.4	53.2	51.0	48.5	46.0	43.2	40.5	38.0
77.5°	85.5	83.6	81.4	78.9	76.0	72.8	69.4	66.5	63.5	60.1	56.2
75°	112.4	109.9	107.2	104.1	100.7	97.0	93.0	88.7	84.3	79.9	75.2
72.5°	138.9	135.8	132.6	129.3	125.7	121.4	116.6	111.2	105.6	99.6	93.6
70°	164.3	160.3	156.3	152.5	148.4	143.8	138.8	133.3	127.3	120.6	113.2
67.5°	187.3	183.2	179.1	174.5	169.4	164.3	159.2	154.0	147.7	140.7	132.4
65°	206.0	202.4	198.8	194.0	188.8	183.2	177.5	171.5	165.3	158.8	151.1
62.5°	220.7	217.1	213.6	209.5	205.0	200.3	194.7	188.1	181.3	174.3	166.3
60°	232.4	229.6	226.1	222.2	218.1	213.5	207.9	202.2	196.5	188.7	180.6
57.5°	241.8	239.3	236.0	232.6	229.2	224.5	219.2	213.5	207.3	201.1	194.1
55°	249.3	247.1	244.2	240.8	237.0	233.2	228.8	223.5	217.4	211.6	204.6
52.5°	255.6	253.5	251.1	248.4	244.9	240.9	236.6	231.7	226.7	220.8	214.3
50°	260.8	259.0	256.8	254.1	251.1	247.9	243.8	239.1	234.6	229.1	222.8
47.5°	267.1	265.0	262.4	259.7	256.6	253.1	249.5	246.1	241.6	236.8	230.5
45°	275.5	272.6	269.2	266.1	262.5	258.8	254.6	251.3	247.9	243.1	237.9
42.5°	287.5	282.8	278.4	273.8	268.8	264.7	260.6	256.7	253.0	248.9	243.5
40°	306.2	296.3	290.2	283.5	277.5	271.1	266.7	262.1	258.1	254.0	248.7
37.5°	330.3	317.8	306.5	295.5	287.8	280.2	273.6	268.1	262.7	258.3	253.1
35°	356.4	341.4	327.4	313.4	299.7	290.5	281.6	274.6	268.3	262.4	257.2
32.5°	388.4	370.2	352.0	334.9	317.4	302.5	291.4	281.7	273.8	267.1	261.1
30°	424.7	402.0	380.2	358.8	337.4	318.2	302.2	289.9	279.7	271.6	265.1
27.5°	474.8	435.1	409.2	383.4	358.1	335.5	316.0	298.8	285.9	276.5	268.8
25°	560.4	487.7	441.3	409.8	380.6	353.6	330.7	310.5	293.7	281.2	271.6
22.5°	700.0	575.8	488.3	437.5	403.9	374.1	347.2	322.8	300.9	285.8	274.9
20°	970.4	701.4	563.0	476.7	425.8	393.2	363.4	335.8	310.3	290.7	277.8
17.5°	1449.3	928.3	649.9	520.6	451.8	410.4	378.8	347.7	319.2	294.8	280.1
15°	2028.0	1241.3	807.7	589.3	480.4	424.6	392.3	358.5	327.8	300.2	283.1
12.5°	2848.6	1586.6	944.8	644.8	511.3	441.9	403.7	369.2	335.8	306.0	285.6
10°	3532.5	1997.6	1162.6	747.5	552.7	460.4	412.0	375.5	340.3	310.1	287.3
7.5°	4390.4	2455.1	1356.8	823.7	584.0	473.6	417.0	379.0	342.7	312.7	288.2
5°	4932.0	2757.5	1486.6	881.1	607.3	482.5	420.6	380.3	343.2	313.7	288.3
2.5°	5313.2	2913.1	1545.7	912.6	620.5	486.4	422.3	381.2	344.9	314.7	289.8
0°	5376.6	3032.0	1554.3	919.8	622.0	484.2	421.6	381.3	346.5	314.5	290.8
-2.5°	5313.2	2913.1	1545.7	912.6	620.5	486.4	422.3	381.2	344.9	314.7	289.8
-5°	4932.0	2757.5	1486.6	881.1	607.3	482.5	420.6	380.3	343.2	313.7	288.3
-7.5°	4390.4	2455.1	1356.8	823.7	584.0	473.6	417.0	379.0	342.7	312.7	288.2
-10°	3532.5	1997.6	1162.6	747.5	552.7	460.4	412.0	375.5	340.3	310.1	287.3
-12.5°	2848.6	1586.6	944.8	644.8	511.3	441.9	403.7	369.2	335.8	306.0	285.6
-15°	2028.0	1241.3	807.7	589.3	480.4	424.6	392.3	358.5	327.8	300.2	283.1
-17.5°	1449.3	928.3	649.9	520.6	451.8	410.4	378.8	347.7	319.2	294.8	280.1
-20°	970.4	701.4	563.0	476.7	425.8	393.2	363.4	335.8	310.3	290.7	277.8



REPORT NUMBER: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	700.0	575.8	488.3	437.5	403.9	374.1	347.2	322.8	300.9	285.8	274.9
-25°	560.4	487.7	441.3	409.8	380.6	353.6	330.7	310.5	293.7	281.2	271.6
-27.5°	474.8	435.1	409.2	383.4	358.1	335.5	316.0	298.8	285.9	276.5	268.8
-30°	424.7	402.0	380.2	358.8	337.4	318.2	302.2	289.9	279.7	271.6	265.1
-32.5°	388.4	370.2	352.0	334.9	317.4	302.5	291.4	281.7	273.8	267.1	261.1
-35°	356.4	341.4	327.4	313.4	299.7	290.5	281.6	274.6	268.3	262.4	257.2
-37.5°	330.3	317.8	306.5	295.5	287.8	280.2	273.6	268.1	262.7	258.3	253.1
-40°	306.2	296.3	290.2	283.5	277.5	271.1	266.7	262.1	258.1	254.0	248.7
-42.5°	287.5	282.8	278.4	273.8	268.8	264.7	260.6	256.7	253.0	248.9	243.5
-45°	275.5	272.6	269.2	266.1	262.5	258.8	254.6	251.3	247.9	243.1	237.9
-47.5°	267.1	265.0	262.4	259.7	256.6	253.1	249.5	246.1	241.6	236.8	230.5
-50°	260.8	259.0	256.8	254.1	251.1	247.9	243.8	239.1	234.6	229.1	222.8
-52.5°	255.6	253.5	251.1	248.4	244.9	240.9	236.6	231.7	226.7	220.8	214.3
-55°	249.3	247.1	244.2	240.8	237.0	233.2	228.8	223.5	217.4	211.6	204.6
-57.5°	241.8	239.3	236.0	232.6	229.2	224.5	219.2	213.5	207.3	201.1	194.1
-60°	232.4	229.6	226.1	222.2	218.1	213.5	207.9	202.2	196.5	188.7	180.6
-62.5°	220.7	217.1	213.6	209.5	205.0	200.3	194.7	188.1	181.3	174.3	166.3
-65°	206.0	202.4	198.8	194.0	188.8	183.2	177.5	171.5	165.3	158.8	151.1
-67.5°	187.3	183.2	179.1	174.5	169.4	164.3	159.2	154.0	147.7	140.7	132.4
-70°	164.3	160.3	156.3	152.5	148.4	143.8	138.8	133.3	127.3	120.6	113.2
-72.5°	138.9	135.8	132.6	129.3	125.7	121.4	116.6	111.2	105.6	99.6	93.6
-75°	112.4	109.9	107.2	104.1	100.7	97.0	93.0	88.7	84.3	79.9	75.2
-77.5°	85.5	83.6	81.4	78.9	76.0	72.8	69.4	66.5	63.5	60.1	56.2
-80°	60.2	58.9	57.3	55.4	53.2	51.0	48.5	46.0	43.2	40.5	38.0
-82.5°	38.4	37.6	36.6	35.4	34.1	32.7	31.1	29.4	27.5	25.5	23.4
-85°	21.8	21.4	20.8	20.0	19.2	18.5	17.7	16.9	16.0	15.2	14.3
-87.5°	7.8	7.7	7.5	7.7	7.8	7.9	7.9	7.7	7.4	7.2	6.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	6.6	6.2	5.9	5.6	5.2	4.8	4.5	4.1	3.7	3.3	2.9
85°	13.8	13.1	12.4	11.5	10.7	9.7	8.9	8.2	7.4	6.6	5.8
82.5°	21.8	20.7	19.8	18.8	17.8	16.7	15.3	13.7	11.9	10.0	8.7
80°	35.8	33.4	30.9	28.3	25.9	23.6	22.1	20.1	17.5	15.0	12.5
77.5°	52.0	47.7	43.6	40.0	36.2	32.8	29.6	26.6	23.1	19.9	16.7
75°	69.9	64.3	58.9	53.4	47.6	41.8	37.5	33.5	29.3	24.8	20.9
72.5°	87.6	81.2	74.4	67.3	60.6	53.8	46.7	40.4	35.6	30.5	25.3
70°	105.6	98.2	90.7	82.5	74.0	65.7	57.8	49.7	41.9	36.2	30.3
67.5°	123.7	114.9	106.3	97.3	87.8	78.3	68.8	59.5	50.5	41.9	35.3
65°	141.5	131.5	121.4	111.7	101.4	90.7	80.1	69.3	58.9	49.2	40.3
62.5°	157.7	148.2	137.1	126.0	114.8	103.2	91.1	79.3	67.3	56.4	46.0
60°	172.0	162.3	152.2	140.5	128.1	115.5	102.5	89.2	76.2	63.3	52.0
57.5°	185.0	175.6	165.2	154.0	141.3	127.7	113.6	99.2	84.9	70.8	57.7
55°	197.0	187.6	177.6	166.2	153.7	139.7	124.6	109.1	93.5	78.3	63.4
52.5°	206.8	198.4	188.5	177.6	164.9	151.1	135.3	118.8	102.1	85.6	69.8
50°	215.6	207.8	198.5	187.6	175.6	161.2	145.8	128.3	110.5	92.8	76.0
47.5°	223.6	216.1	207.3	196.9	184.6	171.1	155.1	137.6	118.7	100.0	82.0
45°	230.7	223.4	215.2	205.0	193.4	179.5	163.8	146.7	126.8	107.0	87.8
42.5°	237.3	229.9	221.8	212.9	200.9	187.4	172.1	154.4	134.6	113.7	93.5
40°	242.5	235.6	228.0	218.8	207.9	195.0	179.2	161.6	142.2	120.2	99.1
37.5°	247.3	240.5	232.9	224.4	214.2	201.1	185.9	168.5	149.0	126.5	104.4
35°	251.4	244.8	237.3	229.0	219.1	207.0	192.4	174.8	154.7	132.5	109.4
32.5°	255.1	248.7	241.0	232.8	223.7	212.5	197.8	180.1	160.1	138.0	114.1
30°	258.6	251.6	244.5	236.2	227.7	216.6	202.5	185.1	165.1	143.1	118.5
27.5°	261.5	254.2	247.5	239.2	230.6	220.3	206.7	189.7	169.8	147.6	122.7
25°	264.2	256.6	249.6	241.9	233.2	223.7	210.6	193.9	173.7	151.3	126.4
22.5°	266.5	258.8	251.4	244.3	235.4	226.8	213.8	197.1	177.2	154.7	129.8
20°	268.6	260.7	252.8	246.2	237.4	228.7	216.4	199.9	180.2	157.8	132.9
17.5°	270.5	262.4	254.3	247.3	239.0	230.3	218.7	202.5	182.9	160.5	135.5
15°	272.2	263.6	255.6	248.2	240.3	231.7	220.8	204.8	185.1	162.8	137.8
12.5°	273.6	264.5	256.6	248.8	241.3	232.8	222.5	206.7	187.0	164.7	139.7
10°	274.7	265.0	257.3	249.3	242.0	233.6	224.0	208.2	188.6	166.2	141.2
7.5°	275.5	265.1	257.8	249.6	242.5	234.2	224.9	209.3	189.7	167.4	142.3
5°	276.1	265.5	258.2	250.1	243.0	234.7	225.4	210.0	190.4	168.1	143.0
2.5°	277.4	266.5	258.7	250.4	243.4	235.1	225.6	210.2	190.7	168.5	143.3
0°	278.3	267.2	258.8	250.5	243.5	235.2	225.4	210.1	190.6	168.4	143.3
-2.5°	277.4	266.5	258.7	250.4	243.4	235.1	225.6	210.2	190.7	168.5	143.3
-5°	276.1	265.5	258.2	250.1	243.0	234.7	225.4	210.0	190.4	168.1	143.0
-7.5°	275.5	265.1	257.8	249.6	242.5	234.2	224.9	209.3	189.7	167.4	142.3
-10°	274.7	265.0	257.3	249.3	242.0	233.6	224.0	208.2	188.6	166.2	141.2
-12.5°	273.6	264.5	256.6	248.8	241.3	232.8	222.5	206.7	187.0	164.7	139.7
-15°	272.2	263.6	255.6	248.2	240.3	231.7	220.8	204.8	185.1	162.8	137.8
-17.5°	270.5	262.4	254.3	247.3	239.0	230.3	218.7	202.5	182.9	160.5	135.5
-20°	268.6	260.7	252.8	246.2	237.4	228.7	216.4	199.9	180.2	157.8	132.9



REPORT NUMBER: P558904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	266.5	258.8	251.4	244.3	235.4	226.8	213.8	197.1	177.2	154.7	129.8
-25°	264.2	256.6	249.6	241.9	233.2	223.7	210.6	193.9	173.7	151.3	126.4
-27.5°	261.5	254.2	247.5	239.2	230.6	220.3	206.7	189.7	169.8	147.6	122.7
-30°	258.6	251.6	244.5	236.2	227.7	216.6	202.5	185.1	165.1	143.1	118.5
-32.5°	255.1	248.7	241.0	232.8	223.7	212.5	197.8	180.1	160.1	138.0	114.1
-35°	251.4	244.8	237.3	229.0	219.1	207.0	192.4	174.8	154.7	132.5	109.4
-37.5°	247.3	240.5	232.9	224.4	214.2	201.1	185.9	168.5	149.0	126.5	104.4
-40°	242.5	235.6	228.0	218.8	207.9	195.0	179.2	161.6	142.2	120.2	99.1
-42.5°	237.3	229.9	221.8	212.9	200.9	187.4	172.1	154.4	134.6	113.7	93.5
-45°	230.7	223.4	215.2	205.0	193.4	179.5	163.8	146.7	126.8	107.0	87.8
-47.5°	223.6	216.1	207.3	196.9	184.6	171.1	155.1	137.6	118.7	100.0	82.0
-50°	215.6	207.8	198.5	187.6	175.6	161.2	145.8	128.3	110.5	92.8	76.0
-52.5°	206.8	198.4	188.5	177.6	164.9	151.1	135.3	118.8	102.1	85.6	69.8
-55°	197.0	187.6	177.6	166.2	153.7	139.7	124.6	109.1	93.5	78.3	63.4
-57.5°	185.0	175.6	165.2	154.0	141.3	127.7	113.6	99.2	84.9	70.8	57.7
-60°	172.0	162.3	152.2	140.5	128.1	115.5	102.5	89.2	76.2	63.3	52.0
-62.5°	157.7	148.2	137.1	126.0	114.8	103.2	91.1	79.3	67.3	56.4	46.0
-65°	141.5	131.5	121.4	111.7	101.4	90.7	80.1	69.3	58.9	49.2	40.3
-67.5°	123.7	114.9	106.3	97.3	87.8	78.3	68.8	59.5	50.5	41.9	35.3
-70°	105.6	98.2	90.7	82.5	74.0	65.7	57.8	49.7	41.9	36.2	30.3
-72.5°	87.6	81.2	74.4	67.3	60.6	53.8	46.7	40.4	35.6	30.5	25.3
-75°	69.9	64.3	58.9	53.4	47.6	41.8	37.5	33.5	29.3	24.8	20.9
-77.5°	52.0	47.7	43.6	40.0	36.2	32.8	29.6	26.6	23.1	19.9	16.7
-80°	35.8	33.4	30.9	28.3	25.9	23.6	22.1	20.1	17.5	15.0	12.5
-82.5°	21.8	20.7	19.8	18.8	17.8	16.7	15.3	13.7	11.9	10.0	8.7
-85°	13.8	13.1	12.4	11.5	10.7	9.7	8.9	8.2	7.4	6.6	5.8
-87.5°	6.6	6.2	5.9	5.6	5.2	4.8	4.5	4.1	3.7	3.3	2.9
-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°	2.5	2.2	1.8	1.4	1.0	0.5	0.0
85°	5.0	4.3	3.6	2.8	1.9	1.0	0.0
82.5°	7.5	6.5	5.4	4.2	2.9	1.4	0.0
80°	10.2	8.7	7.2	5.6	3.9	1.9	0.0
77.5°	13.7	11.1	9.0	7.0	4.8	2.4	0.0
75°	17.3	14.1	10.9	8.4	5.7	2.9	0.0
72.5°	20.8	17.0	13.2	9.7	6.7	3.3	0.0
70°	24.4	19.9	15.5	11.1	7.6	3.8	0.0
67.5°	28.7	22.8	17.8	12.9	8.5	4.2	0.0
65°	33.0	25.9	20.1	14.5	9.4	4.7	0.0
62.5°	37.2	29.4	22.3	16.2	10.2	5.1	0.0
60°	41.2	32.7	24.4	17.8	11.1	5.5	0.0
57.5°	46.1	36.0	27.0	19.4	12.1	6.0	0.0
55°	51.0	39.1	29.5	20.9	13.1	6.4	0.0
52.5°	55.7	42.3	31.9	22.4	14.1	6.8	0.0
50°	60.2	46.1	34.3	23.9	15.1	7.1	0.0
47.5°	64.7	49.8	36.5	25.3	16.0	7.5	0.0
45°	69.6	53.3	38.7	26.9	16.8	7.8	0.0
42.5°	74.3	56.7	40.7	28.5	17.7	8.2	0.0
40°	78.8	59.9	43.0	29.9	18.5	8.5	0.0
37.5°	83.0	63.0	45.4	31.3	19.2	8.8	0.0
35°	86.9	66.2	47.7	32.5	20.0	9.1	0.0
32.5°	90.7	69.2	49.9	33.7	20.6	9.4	0.0
30°	94.5	72.1	52.0	34.8	21.3	9.6	0.0
27.5°	98.0	74.8	53.8	35.8	21.9	9.8	0.0
25°	101.2	77.2	55.5	36.6	22.4	10.1	0.0
22.5°	104.1	79.4	57.1	37.4	22.9	10.3	0.0
20°	106.7	81.4	58.5	38.1	23.3	10.4	0.0
17.5°	109.0	83.2	59.7	38.8	23.7	10.6	0.0
15°	111.1	84.8	60.8	39.3	24.1	10.7	0.0
12.5°	112.9	86.1	61.8	39.7	24.3	10.8	0.0
10°	114.3	87.2	62.6	40.0	24.6	10.9	0.0
7.5°	115.4	88.0	63.2	40.3	24.8	11.0	0.0
5°	116.3	88.6	63.6	40.4	24.9	11.1	0.0
2.5°	116.7	89.0	63.9	40.4	25.0	11.1	0.0
0°	116.9	89.1	64.0	40.4	25.0	11.1	0.0
-2.5°	116.7	89.0	63.9	40.4	25.0	11.1	0.0
-5°	116.3	88.6	63.6	40.4	24.9	11.1	0.0
-7.5°	115.4	88.0	63.2	40.3	24.8	11.0	0.0
-10°	114.3	87.2	62.6	40.0	24.6	10.9	0.0
-12.5°	112.9	86.1	61.8	39.7	24.3	10.8	0.0
-15°	111.1	84.8	60.8	39.3	24.1	10.7	0.0
-17.5°	109.0	83.2	59.7	38.8	23.7	10.6	0.0
-20°	106.7	81.4	58.5	38.1	23.3	10.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	104.1	79.4	57.1	37.4	22.9	10.3	0.0
-25°	101.2	77.2	55.5	36.6	22.4	10.1	0.0
-27.5°	98.0	74.8	53.8	35.8	21.9	9.8	0.0
-30°	94.5	72.1	52.0	34.8	21.3	9.6	0.0
-32.5°	90.7	69.2	49.9	33.7	20.6	9.4	0.0
-35°	86.9	66.2	47.7	32.5	20.0	9.1	0.0
-37.5°	83.0	63.0	45.4	31.3	19.2	8.8	0.0
-40°	78.8	59.9	43.0	29.9	18.5	8.5	0.0
-42.5°	74.3	56.7	40.7	28.5	17.7	8.2	0.0
-45°	69.6	53.3	38.7	26.9	16.8	7.8	0.0
-47.5°	64.7	49.8	36.5	25.3	16.0	7.5	0.0
-50°	60.2	46.1	34.3	23.9	15.1	7.1	0.0
-52.5°	55.7	42.3	31.9	22.4	14.1	6.8	0.0
-55°	51.0	39.1	29.5	20.9	13.1	6.4	0.0
-57.5°	46.1	36.0	27.0	19.4	12.1	6.0	0.0
-60°	41.2	32.7	24.4	17.8	11.1	5.5	0.0
-62.5°	37.2	29.4	22.3	16.2	10.2	5.1	0.0
-65°	33.0	25.9	20.1	14.5	9.4	4.7	0.0
-67.5°	28.7	22.8	17.8	12.9	8.5	4.2	0.0
-70°	24.4	19.9	15.5	11.1	7.6	3.8	0.0
-72.5°	20.8	17.0	13.2	9.7	6.7	3.3	0.0
-75°	17.3	14.1	10.9	8.4	5.7	2.9	0.0
-77.5°	13.7	11.1	9.0	7.0	4.8	2.4	0.0
-80°	10.2	8.7	7.2	5.6	3.9	1.9	0.0
-82.5°	7.5	6.5	5.4	4.2	2.9	1.4	0.0
-85°	5.0	4.3	3.6	2.8	1.9	1.0	0.0
-87.5°	2.5	2.2	1.8	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)