

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: P558743 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558743 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2E-940-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

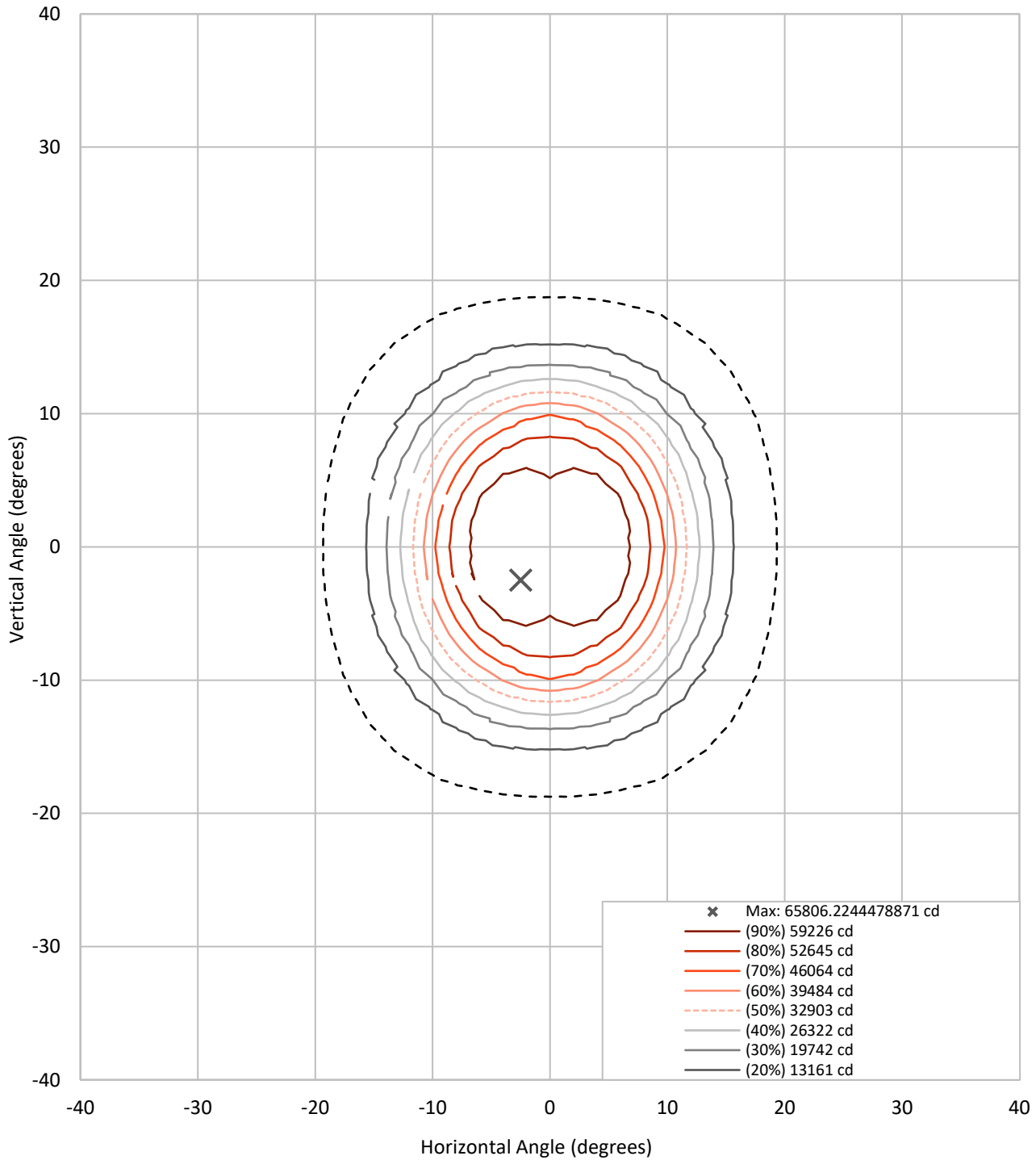
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	12443.9 lumens	Max Intensity:	65806.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	98.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	6718 lumens	Field Lumens:	10131.2 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 127
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





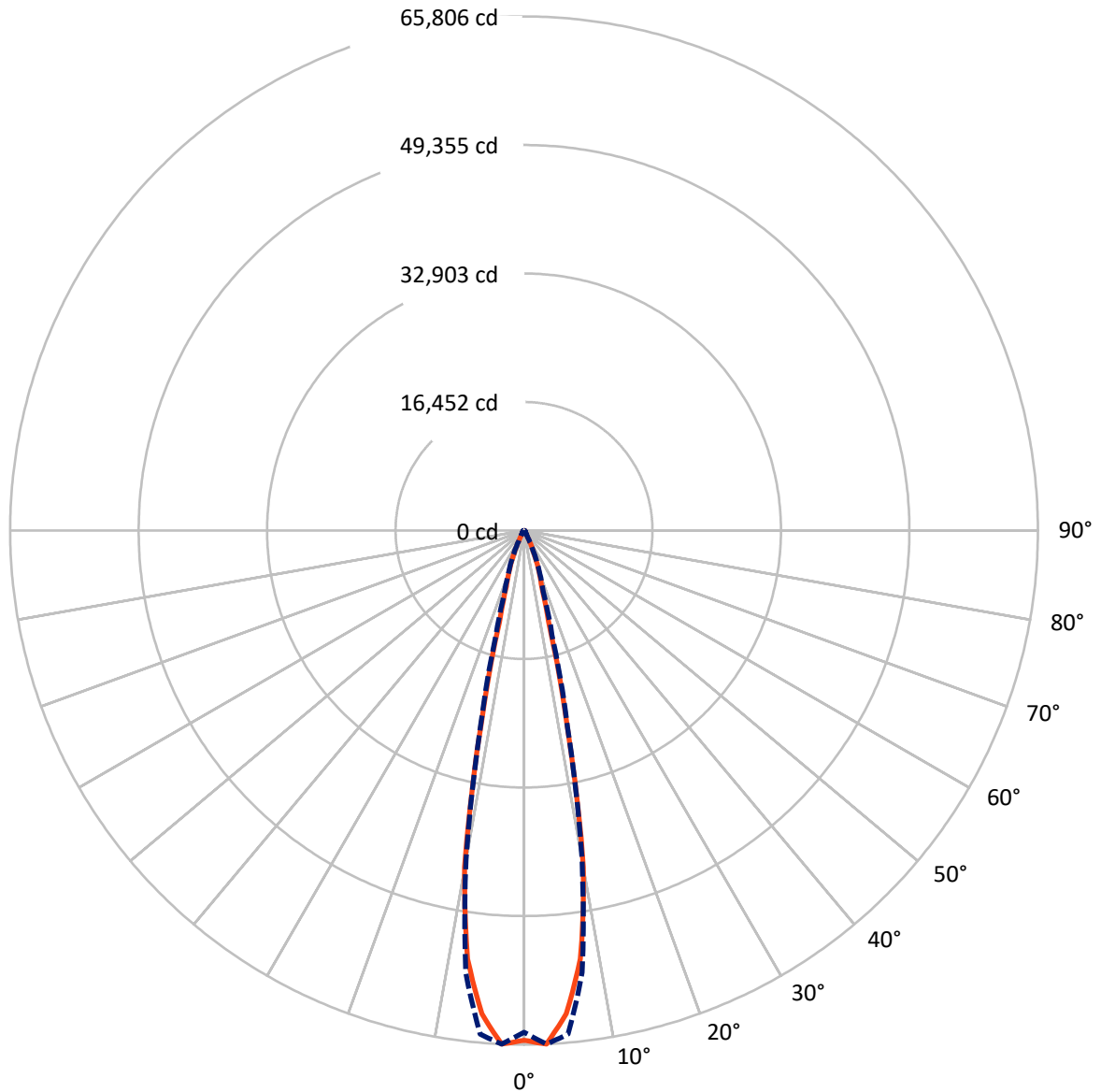
REPORT NUMBER: P558743 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.2		1.3		3.3		5.3		6.2		5.3		3.3		1.3		0.2		
80	0.6		0.7	1.3	2.2	3.0	3.7	4.2	4.5	4.5	4.2	3.7	3.0	2.2	1.3	0.7	0.6		
70	0.6		1.0	2.0	3.1	4.1	4.9	5.5	5.7	5.7	5.5	4.9	4.1	3.1	2.0	1.0	0.6		
60	1.1		1.3	2.5	3.7	4.8	5.9	6.7	7.1	7.1	6.7	5.9	4.8	3.7	2.5	1.3	1.1		
50	1.1		1.6	2.9	4.2	5.7	7.7	10.2	12.2	12.2	10.2	7.7	5.7	4.2	2.9	1.6	1.1		
40	1.4		1.7	3.1	4.6	7.0	12.7	38.2	74.5	74.5	38.2	12.7	7.0	4.6	3.1	1.7	1.4		
30	1.4		1.9	3.3	4.9	8.8	37.8	174.2	448.0	448.0	174.2	37.8	8.8	4.9	3.3	1.9	1.4		
20	1.5		1.9	3.3	5.2	10.5	73.5	453.7	1602.8	1602.8	453.7	73.5	10.5	5.2	3.3	1.9	1.5		
10	1.5		1.9	3.3	5.2	10.5	73.5	453.7	1602.8	1602.8	453.7	73.5	10.5	5.2	3.3	1.9	1.5		
0	1.5		1.9	3.3	5.2	10.5	73.5	453.7	1602.8	1602.8	453.7	73.5	10.5	5.2	3.3	1.9	1.5		
-10	1.4		1.9	3.3	4.9	8.8	37.8	174.2	448.0	448.0	174.2	37.8	8.8	4.9	3.3	1.9	1.4		
-20	1.4		1.7	3.1	4.6	7.0	12.7	38.2	74.5	74.5	38.2	12.7	7.0	4.6	3.1	1.7	1.4		
-30	1.1		1.6	2.9	4.2	5.7	7.7	10.2	12.2	12.2	10.2	7.7	5.7	4.2	2.9	1.6	1.1		
-40	1.1		1.3	2.5	3.7	4.8	5.9	6.7	7.1	7.1	6.7	5.9	4.8	3.7	2.5	1.3	1.1		
-50	0.6		1.0	2.0	3.1	4.1	4.9	5.5	5.7	5.7	5.5	4.9	4.1	3.1	2.0	1.0	0.6		
-60	0.6		0.7	1.3	2.2	3.0	3.7	4.2	4.5	4.5	4.2	3.7	3.0	2.2	1.3	0.7	0.6		
-70	0.6		0.7	1.3	2.2	3.0	3.7	4.2	4.5	4.5	4.2	3.7	3.0	2.2	1.3	0.7	0.6		
-80	0.2		1.3		3.3		5.3		6.2		5.3		3.3		1.3		0.2		
-90	0.2		1.3		3.3		5.3		6.2		5.3		3.3		1.3		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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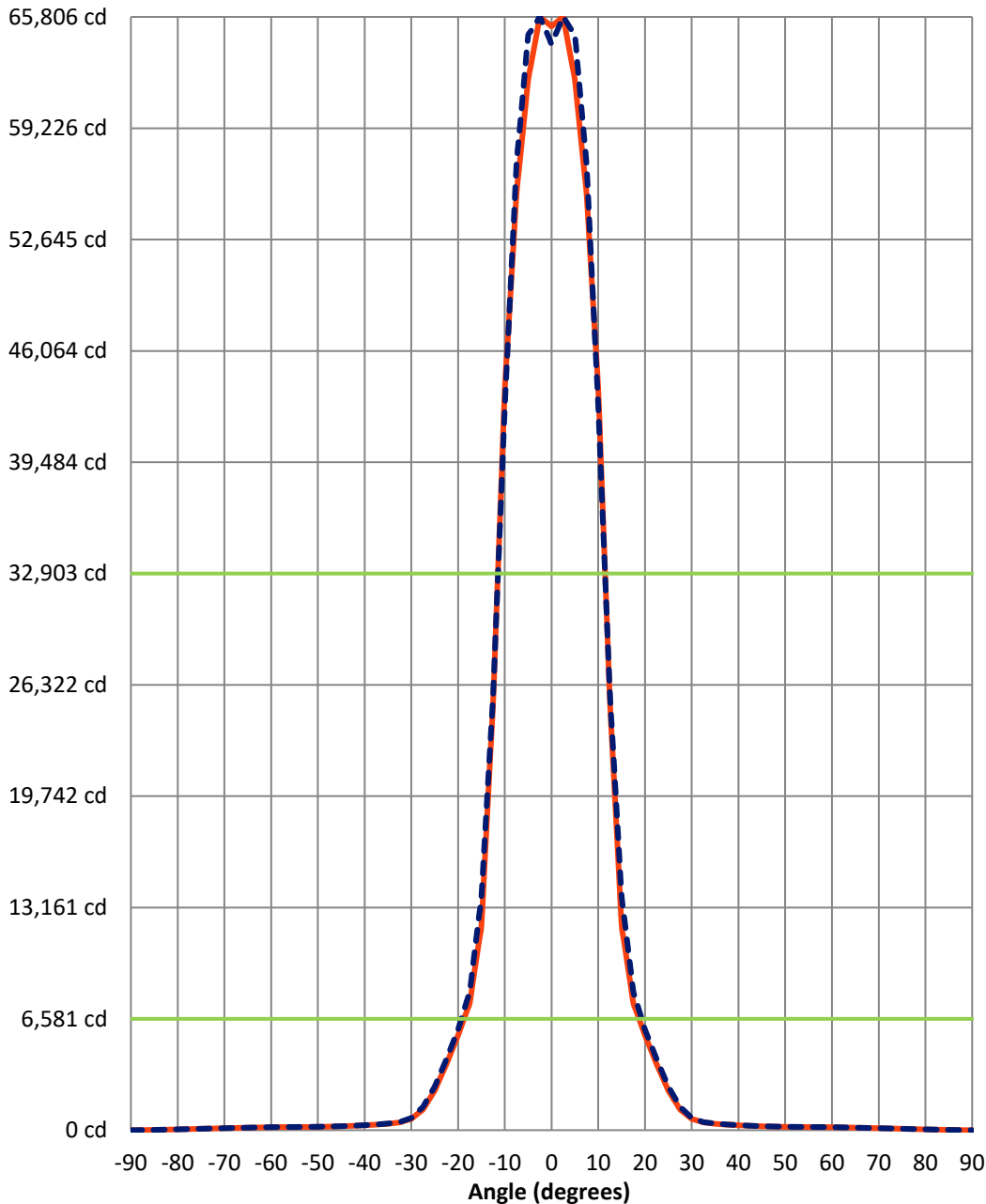
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 22.9°
V Angle: 22.9°
Lumens: 6718
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 10131.2
Efficiency: 81.4%

Spill:
Lumens: 2312.7
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
85°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	5.9
82.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.3	8.6	10.1
80°	0.0	1.2	2.4	3.6	4.8	6.0	7.3	9.1	11.0	12.9	14.9
77.5°	0.0	1.5	3.0	4.5	6.0	7.8	10.0	12.3	14.7	17.1	19.8
75°	0.0	1.8	3.6	5.4	7.3	10.1	12.7	15.4	18.4	21.8	25.1
72.5°	0.0	2.1	4.2	6.3	9.2	12.3	15.3	18.7	22.8	26.7	30.4
70°	0.0	2.4	4.8	7.3	11.0	14.6	18.0	22.6	27.2	31.5	36.7
67.5°	0.0	2.7	5.4	8.7	12.8	16.8	21.4	26.5	31.5	37.4	43.2
65°	0.0	3.0	5.9	10.0	14.6	19.2	24.7	30.3	36.7	43.2	49.7
62.5°	0.0	3.2	6.5	11.4	16.4	21.9	27.9	34.5	41.7	48.9	56.5
60°	0.0	3.5	7.0	12.7	18.1	24.5	31.0	38.9	46.7	54.9	63.1
57.5°	0.0	3.8	7.9	14.0	20.1	27.0	34.6	43.1	51.8	60.8	69.5
55°	0.0	4.0	8.7	15.2	22.0	29.4	38.2	47.3	56.9	66.4	75.8
52.5°	0.0	4.3	9.5	16.5	23.9	31.9	41.6	51.6	61.8	72.0	82.0
50°	0.0	4.5	10.3	17.7	25.7	34.6	44.9	55.8	66.6	77.3	88.1
47.5°	0.0	4.7	11.1	18.8	27.4	37.3	48.2	59.9	71.2	82.5	94.2
45°	0.0	4.9	11.8	20.1	29.1	39.9	51.6	63.9	75.7	87.8	100.1
42.5°	0.0	5.2	12.5	21.3	30.6	42.4	54.9	67.7	80.0	92.9	105.3
40°	0.0	5.4	13.2	22.4	32.3	44.7	58.1	71.3	84.2	97.9	110.3
37.5°	0.0	5.6	13.8	23.4	34.1	47.0	61.1	74.7	88.4	102.4	114.9
35°	0.0	5.7	14.4	24.4	35.8	49.3	64.0	78.0	92.3	106.3	119.4
32.5°	0.0	5.9	15.0	25.4	37.4	51.5	66.7	81.1	95.9	110.0	123.7
30°	0.0	6.1	15.5	26.2	38.9	53.6	69.2	84.0	99.3	113.4	127.6
27.5°	0.0	6.2	16.0	27.0	40.3	55.6	71.5	86.8	102.3	116.6	131.1
25°	0.0	6.3	16.4	27.8	41.6	57.4	73.6	89.3	104.9	119.5	134.3
22.5°	0.0	6.5	16.8	28.5	42.9	59.1	75.5	91.6	107.3	122.1	137.0
20°	0.0	6.6	17.2	29.1	44.0	60.7	77.3	93.6	109.4	124.4	139.5
17.5°	0.0	6.7	17.5	29.6	45.0	62.0	78.8	95.4	111.3	126.4	141.7
15°	0.0	6.8	17.8	30.1	46.0	63.2	80.1	97.0	113.0	128.0	143.5
12.5°	0.0	6.8	18.0	30.5	46.7	64.1	81.3	98.3	114.4	129.3	145.1
10°	0.0	6.9	18.2	30.8	47.4	64.9	82.2	99.4	115.5	130.7	146.3
7.5°	0.0	6.9	18.4	31.1	48.0	65.5	82.9	100.2	116.4	131.9	147.2
5°	0.0	7.0	18.5	31.3	48.4	66.0	83.4	100.8	117.1	132.8	147.7
2.5°	0.0	7.0	18.6	31.4	48.7	66.2	83.7	101.2	117.5	133.5	147.9
0°	0.0	7.0	18.6	31.4	48.9	66.3	83.8	101.3	117.6	133.9	147.8
-2.5°	0.0	7.0	18.6	31.4	48.9	66.3	83.8	101.3	117.6	133.9	147.8
-5°	0.0	7.0	18.5	31.3	48.4	66.0	83.4	100.8	117.1	132.8	147.7
-7.5°	0.0	6.9	18.4	31.1	48.0	65.5	82.9	100.2	116.4	131.9	147.2
-10°	0.0	6.9	18.2	30.8	47.4	64.9	82.2	99.4	115.5	130.7	146.3
-12.5°	0.0	6.8	18.0	30.5	46.7	64.1	81.3	98.3	114.4	129.3	145.1
-15°	0.0	6.8	17.8	30.1	46.0	63.2	80.1	97.0	113.0	128.0	143.5
-17.5°	0.0	6.7	17.5	29.6	45.0	62.0	78.8	95.4	111.3	126.4	141.7
-20°	0.0	6.6	17.2	29.1	44.0	60.7	77.3	93.6	109.4	124.4	139.5



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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	6.5	16.8	28.5	42.9	59.1	75.5	91.6	107.3	122.1	137.0
-25°	0.0	6.3	16.4	27.8	41.6	57.4	73.6	89.3	104.9	119.5	134.3
-27.5°	0.0	6.2	16.0	27.0	40.3	55.6	71.5	86.8	102.3	116.6	131.1
-30°	0.0	6.1	15.5	26.2	38.9	53.6	69.2	84.0	99.3	113.4	127.6
-32.5°	0.0	5.9	15.0	25.4	37.4	51.5	66.7	81.1	95.9	110.0	123.7
-35°	0.0	5.7	14.4	24.4	35.8	49.3	64.0	78.0	92.3	106.3	119.4
-37.5°	0.0	5.6	13.8	23.4	34.1	47.0	61.1	74.7	88.4	102.4	114.9
-40°	0.0	5.4	13.2	22.4	32.3	44.7	58.1	71.3	84.2	97.9	110.3
-42.5°	0.0	5.2	12.5	21.3	30.6	42.4	54.9	67.7	80.0	92.9	105.3
-45°	0.0	4.9	11.8	20.1	29.1	39.9	51.6	63.9	75.7	87.8	100.1
-47.5°	0.0	4.7	11.1	18.8	27.4	37.3	48.2	59.9	71.2	82.5	94.2
-50°	0.0	4.5	10.3	17.7	25.7	34.6	44.9	55.8	66.6	77.3	88.1
-52.5°	0.0	4.3	9.5	16.5	23.9	31.9	41.6	51.6	61.8	72.0	82.0
-55°	0.0	4.0	8.7	15.2	22.0	29.4	38.2	47.3	56.9	66.4	75.8
-57.5°	0.0	3.8	7.9	14.0	20.1	27.0	34.6	43.1	51.8	60.8	69.5
-60°	0.0	3.5	7.0	12.7	18.1	24.5	31.0	38.9	46.7	54.9	63.1
-62.5°	0.0	3.2	6.5	11.4	16.4	21.9	27.9	34.5	41.7	48.9	56.5
-65°	0.0	3.0	5.9	10.0	14.6	19.2	24.7	30.3	36.7	43.2	49.7
-67.5°	0.0	2.7	5.4	8.7	12.8	16.8	21.4	26.5	31.5	37.4	43.2
-70°	0.0	2.4	4.8	7.3	11.0	14.6	18.0	22.6	27.2	31.5	36.7
-72.5°	0.0	2.1	4.2	6.3	9.2	12.3	15.3	18.7	22.8	26.7	30.4
-75°	0.0	1.8	3.6	5.4	7.3	10.1	12.7	15.4	18.4	21.8	25.1
-77.5°	0.0	1.5	3.0	4.5	6.0	7.8	10.0	12.3	14.7	17.1	19.8
-80°	0.0	1.2	2.4	3.6	4.8	6.0	7.3	9.1	11.0	12.9	14.9
-82.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.3	8.6	10.1
-85°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	5.9
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.5	3.8	4.0	4.3	4.5	4.7	4.9	5.2	5.4	5.6
85°	6.5	7.0	7.8	8.5	9.2	9.8	10.4	10.8	11.5	12.3	13.0
82.5°	11.3	12.5	13.6	14.6	15.4	16.2	17.0	18.1	19.6	21.0	22.2
80°	16.5	18.0	19.7	21.5	23.3	25.1	26.9	28.7	30.3	31.9	33.5
77.5°	22.2	24.6	26.9	29.4	31.9	34.6	37.3	39.9	42.3	44.6	46.9
75°	28.1	31.1	34.6	38.2	41.6	44.9	48.2	51.5	54.7	57.7	60.6
72.5°	34.5	38.9	43.1	47.3	51.7	56.0	60.0	63.8	67.6	71.5	75.1
70°	41.7	46.7	52.0	57.4	62.6	67.4	72.1	77.0	81.8	85.9	89.5
67.5°	49.0	55.1	61.2	67.3	73.1	78.6	84.3	89.7	94.6	98.9	103.0
65°	56.5	63.3	70.1	76.7	83.1	89.7	95.8	101.6	107.0	111.9	116.5
62.5°	63.9	71.3	78.7	86.0	93.5	100.7	107.1	113.3	119.2	124.4	129.4
60°	71.1	79.1	87.3	95.5	103.6	111.1	118.1	124.5	130.5	136.3	141.5
57.5°	78.2	86.8	95.7	104.5	113.1	121.2	128.3	135.1	141.3	147.1	152.5
55°	85.1	94.3	103.8	113.2	122.1	130.4	138.0	144.8	151.4	156.8	161.9
52.5°	92.0	101.7	111.7	121.4	130.5	139.1	147.0	153.8	159.8	165.3	169.9
50°	98.8	108.9	119.2	129.0	138.4	147.2	155.1	161.7	167.4	172.5	176.7
47.5°	105.2	115.8	126.0	136.2	145.7	154.4	162.2	168.5	174.1	178.6	182.5
45°	111.2	122.3	132.9	142.8	152.5	161.1	168.3	174.6	179.7	184.3	188.3
42.5°	117.0	128.5	139.2	149.2	158.7	167.0	174.1	179.9	185.1	189.6	194.1
40°	122.5	134.5	145.3	155.2	164.5	172.3	178.9	184.9	190.1	195.2	200.0
37.5°	127.8	140.0	151.2	161.2	169.4	177.1	183.6	189.5	195.3	200.9	207.3
35°	132.9	145.3	156.6	166.4	174.5	181.2	187.9	194.3	201.0	208.0	215.6
32.5°	137.7	150.4	161.8	170.9	178.4	185.2	192.1	199.9	207.8	215.8	225.1
30°	141.9	155.0	166.5	175.0	182.0	188.7	196.9	205.8	215.0	224.3	235.1
27.5°	145.6	159.3	170.0	178.2	185.1	191.6	200.7	212.2	222.2	232.1	244.1
25°	149.0	162.8	173.3	181.0	187.4	194.4	203.8	215.6	228.4	239.1	255.7
22.5°	152.0	165.9	176.3	183.5	189.3	196.8	206.3	218.0	231.1	244.6	267.6
20°	154.5	168.2	178.8	185.5	190.7	198.4	207.7	219.6	234.2	253.7	279.2
17.5°	156.7	170.5	180.7	186.9	192.4	199.7	208.2	220.6	237.5	261.9	289.9
15°	158.6	172.8	182.3	188.0	193.7	200.9	210.2	223.0	242.5	269.6	299.7
12.5°	160.2	174.9	183.7	189.0	194.5	201.8	212.2	227.0	248.5	277.1	310.4
10°	161.4	177.0	184.7	189.7	194.9	202.5	214.0	230.0	253.6	284.1	319.9
7.5°	162.5	178.6	185.5	190.3	195.0	202.8	215.5	232.2	257.2	289.9	328.0
5°	163.4	179.6	186.3	190.6	195.0	202.9	216.6	233.6	259.5	294.3	333.9
2.5°	163.9	180.2	186.9	190.8	194.8	202.9	217.4	235.8	262.3	297.5	337.6
0°	164.1	180.4	187.4	190.9	194.4	202.5	217.7	237.4	264.2	299.1	338.7
-2.5°	163.9	180.2	186.9	190.8	194.8	202.9	217.4	235.8	262.3	297.5	337.6
-5°	163.4	179.6	186.3	190.6	195.0	202.9	216.6	233.6	259.5	294.3	333.9
-7.5°	162.5	178.6	185.5	190.3	195.0	202.8	215.5	232.2	257.2	289.9	328.0
-10°	161.4	177.0	184.7	189.7	194.9	202.5	214.0	230.0	253.6	284.1	319.9
-12.5°	160.2	174.9	183.7	189.0	194.5	201.8	212.2	227.0	248.5	277.1	310.4
-15°	158.6	172.8	182.3	188.0	193.7	200.9	210.2	223.0	242.5	269.6	299.7
-17.5°	156.7	170.5	180.7	186.9	192.4	199.7	208.2	220.6	237.5	261.9	289.9
-20°	154.5	168.2	178.8	185.5	190.7	198.4	207.7	219.6	234.2	253.7	279.2



REPORT NUMBER: P558743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	152.0	165.9	176.3	183.5	189.3	196.8	206.3	218.0	231.1	244.6	267.6
-25°	149.0	162.8	173.3	181.0	187.4	194.4	203.8	215.6	228.4	239.1	255.7
-27.5°	145.6	159.3	170.0	178.2	185.1	191.6	200.7	212.2	222.2	232.1	244.1
-30°	141.9	155.0	166.5	175.0	182.0	188.7	196.9	205.8	215.0	224.3	235.1
-32.5°	137.7	150.4	161.8	170.9	178.4	185.2	192.1	199.9	207.8	215.8	225.1
-35°	132.9	145.3	156.6	166.4	174.5	181.2	187.9	194.3	201.0	208.0	215.6
-37.5°	127.8	140.0	151.2	161.2	169.4	177.1	183.6	189.5	195.3	200.9	207.3
-40°	122.5	134.5	145.3	155.2	164.5	172.3	178.9	184.9	190.1	195.2	200.0
-42.5°	117.0	128.5	139.2	149.2	158.7	167.0	174.1	179.9	185.1	189.6	194.1
-45°	111.2	122.3	132.9	142.8	152.5	161.1	168.3	174.6	179.7	184.3	188.3
-47.5°	105.2	115.8	126.0	136.2	145.7	154.4	162.2	168.5	174.1	178.6	182.5
-50°	98.8	108.9	119.2	129.0	138.4	147.2	155.1	161.7	167.4	172.5	176.7
-52.5°	92.0	101.7	111.7	121.4	130.5	139.1	147.0	153.8	159.8	165.3	169.9
-55°	85.1	94.3	103.8	113.2	122.1	130.4	138.0	144.8	151.4	156.8	161.9
-57.5°	78.2	86.8	95.7	104.5	113.1	121.2	128.3	135.1	141.3	147.1	152.5
-60°	71.1	79.1	87.3	95.5	103.6	111.1	118.1	124.5	130.5	136.3	141.5
-62.5°	63.9	71.3	78.7	86.0	93.5	100.7	107.1	113.3	119.2	124.4	129.4
-65°	56.5	63.3	70.1	76.7	83.1	89.7	95.8	101.6	107.0	111.9	116.5
-67.5°	49.0	55.1	61.2	67.3	73.1	78.6	84.3	89.7	94.6	98.9	103.0
-70°	41.7	46.7	52.0	57.4	62.6	67.4	72.1	77.0	81.8	85.9	89.5
-72.5°	34.5	38.9	43.1	47.3	51.7	56.0	60.0	63.8	67.6	71.5	75.1
-75°	28.1	31.1	34.6	38.2	41.6	44.9	48.2	51.5	54.7	57.7	60.6
-77.5°	22.2	24.6	26.9	29.4	31.9	34.6	37.3	39.9	42.3	44.6	46.9
-80°	16.5	18.0	19.7	21.5	23.3	25.1	26.9	28.7	30.3	31.9	33.5
-82.5°	11.3	12.5	13.6	14.6	15.4	16.2	17.0	18.1	19.6	21.0	22.2
-85°	6.5	7.0	7.8	8.5	9.2	9.8	10.4	10.8	11.5	12.3	13.0
-87.5°	3.2	3.5	3.8	4.0	4.3	4.5	4.7	4.9	5.2	5.4	5.6
-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: P558743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-NR-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°	5.7	5.7	5.5	5.4	5.3	5.6	6.0	6.4	6.8	6.8	6.9
85°	13.7	14.1	14.5	14.9	15.3	15.8	16.2	16.5	16.8	17.3	17.7
82.5°	23.3	24.3	25.1	25.9	26.7	27.6	28.4	29.2	30.0	30.4	30.8
80°	35.1	36.6	38.1	39.3	40.5	41.8	43.1	44.4	45.4	46.1	46.7
77.5°	49.2	51.2	53.0	54.7	56.4	58.0	59.3	60.4	61.2	62.3	63.3
75°	63.4	66.0	68.5	70.7	72.7	74.4	76.0	77.4	78.7	79.9	80.9
72.5°	78.4	81.4	84.0	86.5	88.8	91.1	93.2	95.1	96.7	98.1	99.2
70°	92.9	96.1	99.4	102.4	105.2	107.7	110.0	112.0	113.8	115.3	116.5
67.5°	106.9	110.6	114.2	117.6	120.6	123.3	125.9	128.3	130.5	132.1	133.2
65°	120.8	124.9	128.8	132.3	135.4	138.2	141.1	143.6	145.8	147.3	148.4
62.5°	134.3	138.7	142.5	146.2	149.6	152.6	155.1	157.4	159.5	161.2	162.3
60°	146.3	150.9	154.7	158.1	161.3	164.2	166.6	169.0	171.3	173.3	174.8
57.5°	157.0	161.3	165.1	168.1	171.0	173.6	176.0	178.0	179.5	180.7	181.8
55°	166.3	170.1	173.7	176.7	179.2	181.3	183.0	184.4	185.6	186.4	187.0
52.5°	174.2	177.8	181.3	184.2	186.1	187.8	189.4	191.1	192.1	192.2	192.1
50°	180.6	184.3	187.5	190.1	192.7	195.7	198.7	200.3	200.9	200.5	200.0
47.5°	186.4	190.1	193.5	196.8	200.6	205.5	210.5	212.9	212.7	211.6	211.1
45°	192.2	196.1	200.2	205.2	210.6	216.9	222.7	226.3	226.4	226.5	227.4
42.5°	198.1	203.1	208.6	215.5	222.4	229.6	235.7	240.3	243.7	247.8	251.3
40°	205.5	211.0	219.3	227.8	236.8	244.4	254.0	262.3	269.1	275.2	279.9
37.5°	214.1	222.0	232.6	243.5	255.2	267.0	278.3	288.8	297.7	307.9	315.4
35°	224.4	235.8	248.6	262.2	276.8	291.9	306.3	323.0	337.6	350.7	361.5
32.5°	236.6	250.3	265.9	284.0	302.3	322.1	342.9	364.3	385.0	406.5	428.0
30°	248.8	266.8	286.8	308.7	330.2	356.1	383.1	418.2	455.0	496.9	561.3
27.5°	263.5	285.1	308.3	333.6	363.1	396.3	448.4	513.2	623.8	706.5	928.5
25°	278.0	302.6	332.5	365.2	404.9	465.6	590.1	734.1	1054.9	1355.1	1702.0
22.5°	292.7	323.4	359.2	399.1	468.1	624.3	861.4	1295.7	1791.1	2317.0	2852.7
20°	307.5	343.6	388.4	455.1	599.6	866.8	1399.1	2096.8	2800.9	3660.9	4404.7
17.5°	324.2	368.9	427.5	527.8	765.9	1338.4	2125.6	3093.9	4183.4	5289.0	6217.4
15°	337.9	390.3	468.8	664.9	1114.3	1873.8	2904.1	4216.6	5702.2	7099.9	8292.3
12.5°	353.1	414.1	517.3	776.1	1435.7	2434.3	3792.1	5407.2	7189.4	9104.7	12137.4
10°	367.1	438.0	598.7	1006.9	1806.3	3000.7	4587.4	6407.2	8568.6	12403.4	19572.1
7.5°	379.0	456.9	659.9	1179.0	2141.7	3535.1	5235.7	7262.3	10511.7	16954.4	29017.6
5°	387.0	469.5	702.5	1307.8	2408.9	3929.2	5650.1	7825.3	12494.2	22517.5	37042.8
2.5°	392.7	476.4	725.2	1382.8	2577.9	4190.2	5943.7	8204.2	13825.2	25735.4	42753.6
0°	396.9	478.4	729.8	1447.9	2635.2	4278.6	5958.2	8305.9	14281.5	26991.8	44788.4
-2.5°	392.7	476.4	725.2	1382.8	2577.9	4190.2	5943.7	8204.2	13825.2	25735.4	42753.6
-5°	387.0	469.5	702.5	1307.8	2408.9	3929.2	5650.1	7825.3	12494.2	22517.5	37042.8
-7.5°	379.0	456.9	659.9	1179.0	2141.7	3535.1	5235.7	7262.3	10511.7	16954.4	29017.6
-10°	367.1	438.0	598.7	1006.9	1806.3	3000.7	4587.4	6407.2	8568.6	12403.4	19572.1
-12.5°	353.1	414.1	517.3	776.1	1435.7	2434.3	3792.1	5407.2	7189.4	9104.7	12137.4
-15°	337.9	390.3	468.8	664.9	1114.3	1873.8	2904.1	4216.6	5702.2	7099.9	8292.3
-17.5°	324.2	368.9	427.5	527.8	765.9	1338.4	2125.6	3093.9	4183.4	5289.0	6217.4
-20°	307.5	343.6	388.4	455.1	599.6	866.8	1399.1	2096.8	2800.9	3660.9	4404.7



REPORT NUMBER: P558743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	292.7	323.4	359.2	399.1	468.1	624.3	861.4	1295.7	1791.1	2317.0	2852.7
-25°	278.0	302.6	332.5	365.2	404.9	465.6	590.1	734.1	1054.9	1355.1	1702.0
-27.5°	263.5	285.1	308.3	333.6	363.1	396.3	448.4	513.2	623.8	706.5	928.5
-30°	248.8	266.8	286.8	308.7	330.2	356.1	383.1	418.2	455.0	496.9	561.3
-32.5°	236.6	250.3	265.9	284.0	302.3	322.1	342.9	364.3	385.0	406.5	428.0
-35°	224.4	235.8	248.6	262.2	276.8	291.9	306.3	323.0	337.6	350.7	361.5
-37.5°	214.1	222.0	232.6	243.5	255.2	267.0	278.3	288.8	297.7	307.9	315.4
-40°	205.5	211.0	219.3	227.8	236.8	244.4	254.0	262.3	269.1	275.2	279.9
-42.5°	198.1	203.1	208.6	215.5	222.4	229.6	235.7	240.3	243.7	247.8	251.3
-45°	192.2	196.1	200.2	205.2	210.6	216.9	222.7	226.3	226.4	226.5	227.4
-47.5°	186.4	190.1	193.5	196.8	200.6	205.5	210.5	212.9	212.7	211.6	211.1
-50°	180.6	184.3	187.5	190.1	192.7	195.7	198.7	200.3	200.9	200.5	200.0
-52.5°	174.2	177.8	181.3	184.2	186.1	187.8	189.4	191.1	192.1	192.2	192.1
-55°	166.3	170.1	173.7	176.7	179.2	181.3	183.0	184.4	185.6	186.4	187.0
-57.5°	157.0	161.3	165.1	168.1	171.0	173.6	176.0	178.0	179.5	180.7	181.8
-60°	146.3	150.9	154.7	158.1	161.3	164.2	166.6	169.0	171.3	173.3	174.8
-62.5°	134.3	138.7	142.5	146.2	149.6	152.6	155.1	157.4	159.5	161.2	162.3
-65°	120.8	124.9	128.8	132.3	135.4	138.2	141.1	143.6	145.8	147.3	148.4
-67.5°	106.9	110.6	114.2	117.6	120.6	123.3	125.9	128.3	130.5	132.1	133.2
-70°	92.9	96.1	99.4	102.4	105.2	107.7	110.0	112.0	113.8	115.3	116.5
-72.5°	78.4	81.4	84.0	86.5	88.8	91.1	93.2	95.1	96.7	98.1	99.2
-75°	63.4	66.0	68.5	70.7	72.7	74.4	76.0	77.4	78.7	79.9	80.9
-77.5°	49.2	51.2	53.0	54.7	56.4	58.0	59.3	60.4	61.2	62.3	63.3
-80°	35.1	36.6	38.1	39.3	40.5	41.8	43.1	44.4	45.4	46.1	46.7
-82.5°	23.3	24.3	25.1	25.9	26.7	27.6	28.4	29.2	30.0	30.4	30.8
-85°	13.7	14.1	14.5	14.9	15.3	15.8	16.2	16.5	16.8	17.3	17.7
-87.5°	5.7	5.7	5.5	5.4	5.3	5.6	6.0	6.4	6.8	6.8	6.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.9	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.4
85°	18.1	18.5	18.0	17.5	18.0	18.5	18.1	17.7	17.3	16.8	16.5
82.5°	31.1	31.3	31.4	31.4	31.4	31.3	31.1	30.8	30.4	30.0	29.2
80°	47.1	47.4	48.2	48.9	48.2	47.4	47.1	46.7	46.1	45.4	44.4
77.5°	64.1	64.8	65.1	65.2	65.1	64.8	64.1	63.3	62.3	61.2	60.4
75°	81.7	82.2	83.6	85.0	83.6	82.2	81.7	80.9	79.9	78.7	77.4
72.5°	100.1	100.8	101.7	102.4	101.7	100.8	100.1	99.2	98.1	96.7	95.1
70°	117.5	118.1	118.6	118.7	118.6	118.1	117.5	116.5	115.3	113.8	112.0
67.5°	134.0	134.5	134.4	133.9	134.4	134.5	134.0	133.2	132.1	130.5	128.3
65°	149.1	149.5	149.5	149.0	149.5	149.5	149.1	148.4	147.3	145.8	143.6
62.5°	163.1	163.5	163.9	164.1	163.9	163.5	163.1	162.3	161.2	159.5	157.4
60°	176.2	177.3	177.9	178.1	177.9	177.3	176.2	174.8	173.3	171.3	169.0
57.5°	182.7	183.5	183.8	183.9	183.8	183.5	182.7	181.8	180.7	179.5	178.0
55°	187.3	187.3	186.9	186.2	186.9	187.3	187.3	187.0	186.4	185.6	184.4
52.5°	191.8	191.1	190.8	190.9	190.8	191.1	191.8	192.1	192.2	192.1	191.1
50°	199.3	198.2	197.8	197.9	197.8	198.2	199.3	200.0	200.5	200.9	200.3
47.5°	211.8	212.3	212.7	213.0	212.7	212.3	211.8	211.1	211.6	212.7	212.9
45°	229.7	231.3	232.4	232.8	232.4	231.3	229.7	227.4	226.5	226.4	226.3
42.5°	254.8	256.7	257.5	257.2	257.5	256.7	254.8	251.3	247.8	243.7	240.3
40°	284.8	288.7	291.0	291.0	291.0	288.7	284.8	279.9	275.2	269.1	262.3
37.5°	322.3	327.6	330.2	329.4	330.2	327.6	322.3	315.4	307.9	297.7	288.8
35°	369.6	374.8	377.0	379.4	377.0	374.8	369.6	361.5	350.7	337.6	323.0
32.5°	444.9	455.5	459.7	453.9	459.7	455.5	444.9	428.0	406.5	385.0	364.3
30°	604.9	643.5	669.3	682.1	669.3	643.5	604.9	561.3	496.9	455.0	418.2
27.5°	1081.3	1182.5	1225.3	1248.9	1225.3	1182.5	1081.3	928.5	706.5	623.8	513.2
25°	1999.1	2215.0	2339.1	2329.0	2339.1	2215.0	1999.1	1702.0	1355.1	1054.9	734.1
22.5°	3350.3	3690.8	3895.1	3970.2	3895.1	3690.8	3350.3	2852.7	2317.0	1791.1	1295.7
20°	5025.5	5407.3	5607.0	5637.0	5607.0	5407.3	5025.5	4404.7	3660.9	2800.9	2096.8
17.5°	6948.1	7310.1	7520.5	7517.9	7520.5	7310.1	6948.1	6217.4	5289.0	4183.4	3093.9
15°	9916.3	11317.4	12107.5	11992.1	12107.5	11317.4	9916.3	8292.3	7099.9	5702.2	4216.6
12.5°	16248.4	21844.8	25316.2	26173.5	25316.2	21844.8	16248.4	12137.4	9104.7	7189.4	5407.2
10°	28713.1	37085.6	43772.1	45704.4	43772.1	37085.6	28713.1	19572.1	12403.4	8568.6	6407.2
7.5°	41301.9	51238.8	55328.2	55803.4	55328.2	51238.8	41301.9	29017.6	16954.4	10511.7	7262.3
5°	50803.9	60915.1	62085.4	59145.6	62085.4	60915.1	50803.9	37042.8	22517.5	12494.2	7825.3
2.5°	57076.2	64715.2	65806.2	64223.9	65806.2	64715.2	57076.2	42753.6	25735.4	13825.2	8204.2
0°	58506.6	63704.8	65254.5	65423.9	65254.5	63704.8	58506.6	44788.4	26991.8	14281.5	8305.9
-2.5°	57076.2	64715.2	65806.2	64223.9	65806.2	64715.2	57076.2	42753.6	25735.4	13825.2	8204.2
-5°	50803.9	60915.1	62085.4	59145.6	62085.4	60915.1	50803.9	37042.8	22517.5	12494.2	7825.3
-7.5°	41301.9	51238.8	55328.2	55803.4	55328.2	51238.8	41301.9	29017.6	16954.4	10511.7	7262.3
-10°	28713.1	37085.6	43772.1	45704.4	43772.1	37085.6	28713.1	19572.1	12403.4	8568.6	6407.2
-12.5°	16248.4	21844.8	25316.2	26173.5	25316.2	21844.8	16248.4	12137.4	9104.7	7189.4	5407.2
-15°	9916.3	11317.4	12107.5	11992.1	12107.5	11317.4	9916.3	8292.3	7099.9	5702.2	4216.6
-17.5°	6948.1	7310.1	7520.5	7517.9	7520.5	7310.1	6948.1	6217.4	5289.0	4183.4	3093.9
-20°	5025.5	5407.3	5607.0	5637.0	5607.0	5407.3	5025.5	4404.7	3660.9	2800.9	2096.8



REPORT NUMBER: P558743 (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°
-22.5°	3350.3	3690.8	3895.1	3970.2	3895.1	3690.8	3350.3	2852.7	2317.0	1791.1	1295.7
-25°	1999.1	2215.0	2339.1	2329.0	2339.1	2215.0	1999.1	1702.0	1355.1	1054.9	734.1
-27.5°	1081.3	1182.5	1225.3	1248.9	1225.3	1182.5	1081.3	928.5	706.5	623.8	513.2
-30°	604.9	643.5	669.3	682.1	669.3	643.5	604.9	561.3	496.9	455.0	418.2
-32.5°	444.9	455.5	459.7	453.9	459.7	455.5	444.9	428.0	406.5	385.0	364.3
-35°	369.6	374.8	377.0	379.4	377.0	374.8	369.6	361.5	350.7	337.6	323.0
-37.5°	322.3	327.6	330.2	329.4	330.2	327.6	322.3	315.4	307.9	297.7	288.8
-40°	284.8	288.7	291.0	291.0	291.0	288.7	284.8	279.9	275.2	269.1	262.3
-42.5°	254.8	256.7	257.5	257.2	257.5	256.7	254.8	251.3	247.8	243.7	240.3
-45°	229.7	231.3	232.4	232.8	232.4	231.3	229.7	227.4	226.5	226.4	226.3
-47.5°	211.8	212.3	212.7	213.0	212.7	212.3	211.8	211.1	211.6	212.7	212.9
-50°	199.3	198.2	197.8	197.9	197.8	198.2	199.3	200.0	200.5	200.9	200.3
-52.5°	191.8	191.1	190.8	190.9	190.8	191.1	191.8	192.1	192.2	192.1	191.1
-55°	187.3	187.3	186.9	186.2	186.9	187.3	187.3	187.0	186.4	185.6	184.4
-57.5°	182.7	183.5	183.8	183.9	183.8	183.5	182.7	181.8	180.7	179.5	178.0
-60°	176.2	177.3	177.9	178.1	177.9	177.3	176.2	174.8	173.3	171.3	169.0
-62.5°	163.1	163.5	163.9	164.1	163.9	163.5	163.1	162.3	161.2	159.5	157.4
-65°	149.1	149.5	149.5	149.0	149.5	149.5	149.1	148.4	147.3	145.8	143.6
-67.5°	134.0	134.5	134.4	133.9	134.4	134.5	134.0	133.2	132.1	130.5	128.3
-70°	117.5	118.1	118.6	118.7	118.6	118.1	117.5	116.5	115.3	113.8	112.0
-72.5°	100.1	100.8	101.7	102.4	101.7	100.8	100.1	99.2	98.1	96.7	95.1
-75°	81.7	82.2	83.6	85.0	83.6	82.2	81.7	80.9	79.9	78.7	77.4
-77.5°	64.1	64.8	65.1	65.2	65.1	64.8	64.1	63.3	62.3	61.2	60.4
-80°	47.1	47.4	48.2	48.9	48.2	47.4	47.1	46.7	46.1	45.4	44.4
-82.5°	31.1	31.3	31.4	31.4	31.4	31.3	31.1	30.8	30.4	30.0	29.2
-85°	18.1	18.5	18.0	17.5	18.0	18.5	18.1	17.7	17.3	16.8	16.5
-87.5°	6.9	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	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: P558743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-NR-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°	6.0	5.6	5.3	5.4	5.5	5.7	5.7	5.6	5.4	5.2	4.9
85°	16.2	15.8	15.3	14.9	14.5	14.1	13.7	13.0	12.3	11.5	10.8
82.5°	28.4	27.6	26.7	25.9	25.1	24.3	23.3	22.2	21.0	19.6	18.1
80°	43.1	41.8	40.5	39.3	38.1	36.6	35.1	33.5	31.9	30.3	28.7
77.5°	59.3	58.0	56.4	54.7	53.0	51.2	49.2	46.9	44.6	42.3	39.9
75°	76.0	74.4	72.7	70.7	68.5	66.0	63.4	60.6	57.7	54.7	51.5
72.5°	93.2	91.1	88.8	86.5	84.0	81.4	78.4	75.1	71.5	67.6	63.8
70°	110.0	107.7	105.2	102.4	99.4	96.1	92.9	89.5	85.9	81.8	77.0
67.5°	125.9	123.3	120.6	117.6	114.2	110.6	106.9	103.0	98.9	94.6	89.7
65°	141.1	138.2	135.4	132.3	128.8	124.9	120.8	116.5	111.9	107.0	101.6
62.5°	155.1	152.6	149.6	146.2	142.5	138.7	134.3	129.4	124.4	119.2	113.3
60°	166.6	164.2	161.3	158.1	154.7	150.9	146.3	141.5	136.3	130.5	124.5
57.5°	176.0	173.6	171.0	168.1	165.1	161.3	157.0	152.5	147.1	141.3	135.1
55°	183.0	181.3	179.2	176.7	173.7	170.1	166.3	161.9	156.8	151.4	144.8
52.5°	189.4	187.8	186.1	184.2	181.3	177.8	174.2	169.9	165.3	159.8	153.8
50°	198.7	195.7	192.7	190.1	187.5	184.3	180.6	176.7	172.5	167.4	161.7
47.5°	210.5	205.5	200.6	196.8	193.5	190.1	186.4	182.5	178.6	174.1	168.5
45°	222.7	216.9	210.6	205.2	200.2	196.1	192.2	188.3	184.3	179.7	174.6
42.5°	235.7	229.6	222.4	215.5	208.6	203.1	198.1	194.1	189.6	185.1	179.9
40°	254.0	244.4	236.8	227.8	219.3	211.0	205.5	200.0	195.2	190.1	184.9
37.5°	278.3	267.0	255.2	243.5	232.6	222.0	214.1	207.3	200.9	195.3	189.5
35°	306.3	291.9	276.8	262.2	248.6	235.8	224.4	215.6	208.0	201.0	194.3
32.5°	342.9	322.1	302.3	284.0	265.9	250.3	236.6	225.1	215.8	207.8	199.9
30°	383.1	356.1	330.2	308.7	286.8	266.8	248.8	235.1	224.3	215.0	205.8
27.5°	448.4	396.3	363.1	333.6	308.3	285.1	263.5	244.1	232.1	222.2	212.2
25°	590.1	465.6	404.9	365.2	332.5	302.6	278.0	255.7	239.1	228.4	215.6
22.5°	861.4	624.3	468.1	399.1	359.2	323.4	292.7	267.6	244.6	231.1	218.0
20°	1399.1	866.8	599.6	455.1	388.4	343.6	307.5	279.2	253.7	234.2	219.6
17.5°	2125.6	1338.4	765.9	527.8	427.5	368.9	324.2	289.9	261.9	237.5	220.6
15°	2904.1	1873.8	1114.3	664.9	468.8	390.3	337.9	299.7	269.6	242.5	223.0
12.5°	3792.1	2434.3	1435.7	776.1	517.3	414.1	353.1	310.4	277.1	248.5	227.0
10°	4587.4	3000.7	1806.3	1006.9	598.7	438.0	367.1	319.9	284.1	253.6	230.0
7.5°	5235.7	3535.1	2141.7	1179.0	659.9	456.9	379.0	328.0	289.9	257.2	232.2
5°	5650.1	3929.2	2408.9	1307.8	702.5	469.5	387.0	333.9	294.3	259.5	233.6
2.5°	5943.7	4190.2	2577.9	1382.8	725.2	476.4	392.7	337.6	297.5	262.3	235.8
0°	5958.2	4278.6	2635.2	1447.9	729.8	478.4	396.9	338.7	299.1	264.2	237.4
-2.5°	5943.7	4190.2	2577.9	1382.8	725.2	476.4	392.7	337.6	297.5	262.3	235.8
-5°	5650.1	3929.2	2408.9	1307.8	702.5	469.5	387.0	333.9	294.3	259.5	233.6
-7.5°	5235.7	3535.1	2141.7	1179.0	659.9	456.9	379.0	328.0	289.9	257.2	232.2
-10°	4587.4	3000.7	1806.3	1006.9	598.7	438.0	367.1	319.9	284.1	253.6	230.0
-12.5°	3792.1	2434.3	1435.7	776.1	517.3	414.1	353.1	310.4	277.1	248.5	227.0
-15°	2904.1	1873.8	1114.3	664.9	468.8	390.3	337.9	299.7	269.6	242.5	223.0
-17.5°	2125.6	1338.4	765.9	527.8	427.5	368.9	324.2	289.9	261.9	237.5	220.6
-20°	1399.1	866.8	599.6	455.1	388.4	343.6	307.5	279.2	253.7	234.2	219.6



REPORT NUMBER: P558743 (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°	861.4	624.3	468.1	399.1	359.2	323.4	292.7	267.6	244.6	231.1	218.0
-25°	590.1	465.6	404.9	365.2	332.5	302.6	278.0	255.7	239.1	228.4	215.6
-27.5°	448.4	396.3	363.1	333.6	308.3	285.1	263.5	244.1	232.1	222.2	212.2
-30°	383.1	356.1	330.2	308.7	286.8	266.8	248.8	235.1	224.3	215.0	205.8
-32.5°	342.9	322.1	302.3	284.0	265.9	250.3	236.6	225.1	215.8	207.8	199.9
-35°	306.3	291.9	276.8	262.2	248.6	235.8	224.4	215.6	208.0	201.0	194.3
-37.5°	278.3	267.0	255.2	243.5	232.6	222.0	214.1	207.3	200.9	195.3	189.5
-40°	254.0	244.4	236.8	227.8	219.3	211.0	205.5	200.0	195.2	190.1	184.9
-42.5°	235.7	229.6	222.4	215.5	208.6	203.1	198.1	194.1	189.6	185.1	179.9
-45°	222.7	216.9	210.6	205.2	200.2	196.1	192.2	188.3	184.3	179.7	174.6
-47.5°	210.5	205.5	200.6	196.8	193.5	190.1	186.4	182.5	178.6	174.1	168.5
-50°	198.7	195.7	192.7	190.1	187.5	184.3	180.6	176.7	172.5	167.4	161.7
-52.5°	189.4	187.8	186.1	184.2	181.3	177.8	174.2	169.9	165.3	159.8	153.8
-55°	183.0	181.3	179.2	176.7	173.7	170.1	166.3	161.9	156.8	151.4	144.8
-57.5°	176.0	173.6	171.0	168.1	165.1	161.3	157.0	152.5	147.1	141.3	135.1
-60°	166.6	164.2	161.3	158.1	154.7	150.9	146.3	141.5	136.3	130.5	124.5
-62.5°	155.1	152.6	149.6	146.2	142.5	138.7	134.3	129.4	124.4	119.2	113.3
-65°	141.1	138.2	135.4	132.3	128.8	124.9	120.8	116.5	111.9	107.0	101.6
-67.5°	125.9	123.3	120.6	117.6	114.2	110.6	106.9	103.0	98.9	94.6	89.7
-70°	110.0	107.7	105.2	102.4	99.4	96.1	92.9	89.5	85.9	81.8	77.0
-72.5°	93.2	91.1	88.8	86.5	84.0	81.4	78.4	75.1	71.5	67.6	63.8
-75°	76.0	74.4	72.7	70.7	68.5	66.0	63.4	60.6	57.7	54.7	51.5
-77.5°	59.3	58.0	56.4	54.7	53.0	51.2	49.2	46.9	44.6	42.3	39.9
-80°	43.1	41.8	40.5	39.3	38.1	36.6	35.1	33.5	31.9	30.3	28.7
-82.5°	28.4	27.6	26.7	25.9	25.1	24.3	23.3	22.2	21.0	19.6	18.1
-85°	16.2	15.8	15.3	14.9	14.5	14.1	13.7	13.0	12.3	11.5	10.8
-87.5°	6.0	5.6	5.3	5.4	5.5	5.7	5.7	5.6	5.4	5.2	4.9
-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: P558743 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	4.5	4.3	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.1
85°	10.4	9.8	9.2	8.5	7.8	7.0	6.5	5.9	5.4	4.8	4.2
82.5°	17.0	16.2	15.4	14.6	13.6	12.5	11.3	10.1	8.6	7.3	6.3
80°	26.9	25.1	23.3	21.5	19.7	18.0	16.5	14.9	12.9	11.0	9.1
77.5°	37.3	34.6	31.9	29.4	26.9	24.6	22.2	19.8	17.1	14.7	12.3
75°	48.2	44.9	41.6	38.2	34.6	31.1	28.1	25.1	21.8	18.4	15.4
72.5°	60.0	56.0	51.7	47.3	43.1	38.9	34.5	30.4	26.7	22.8	18.7
70°	72.1	67.4	62.6	57.4	52.0	46.7	41.7	36.7	31.5	27.2	22.6
67.5°	84.3	78.6	73.1	67.3	61.2	55.1	49.0	43.2	37.4	31.5	26.5
65°	95.8	89.7	83.1	76.7	70.1	63.3	56.5	49.7	43.2	36.7	30.3
62.5°	107.1	100.7	93.5	86.0	78.7	71.3	63.9	56.5	48.9	41.7	34.5
60°	118.1	111.1	103.6	95.5	87.3	79.1	71.1	63.1	54.9	46.7	38.9
57.5°	128.3	121.2	113.1	104.5	95.7	86.8	78.2	69.5	60.8	51.8	43.1
55°	138.0	130.4	122.1	113.2	103.8	94.3	85.1	75.8	66.4	56.9	47.3
52.5°	147.0	139.1	130.5	121.4	111.7	101.7	92.0	82.0	72.0	61.8	51.6
50°	155.1	147.2	138.4	129.0	119.2	108.9	98.8	88.1	77.3	66.6	55.8
47.5°	162.2	154.4	145.7	136.2	126.0	115.8	105.2	94.2	82.5	71.2	59.9
45°	168.3	161.1	152.5	142.8	132.9	122.3	111.2	100.1	87.8	75.7	63.9
42.5°	174.1	167.0	158.7	149.2	139.2	128.5	117.0	105.3	92.9	80.0	67.7
40°	178.9	172.3	164.5	155.2	145.3	134.5	122.5	110.3	97.9	84.2	71.3
37.5°	183.6	177.1	169.4	161.2	151.2	140.0	127.8	114.9	102.4	88.4	74.7
35°	187.9	181.2	174.5	166.4	156.6	145.3	132.9	119.4	106.3	92.3	78.0
32.5°	192.1	185.2	178.4	170.9	161.8	150.4	137.7	123.7	110.0	95.9	81.1
30°	196.9	188.7	182.0	175.0	166.5	155.0	141.9	127.6	113.4	99.3	84.0
27.5°	200.7	191.6	185.1	178.2	170.0	159.3	145.6	131.1	116.6	102.3	86.8
25°	203.8	194.4	187.4	181.0	173.3	162.8	149.0	134.3	119.5	104.9	89.3
22.5°	206.3	196.8	189.3	183.5	176.3	165.9	152.0	137.0	122.1	107.3	91.6
20°	207.7	198.4	190.7	185.5	178.8	168.2	154.5	139.5	124.4	109.4	93.6
17.5°	208.2	199.7	192.4	186.9	180.7	170.5	156.7	141.7	126.4	111.3	95.4
15°	210.2	200.9	193.7	188.0	182.3	172.8	158.6	143.5	128.0	113.0	97.0
12.5°	212.2	201.8	194.5	189.0	183.7	174.9	160.2	145.1	129.3	114.4	98.3
10°	214.0	202.5	194.9	189.7	184.7	177.0	161.4	146.3	130.7	115.5	99.4
7.5°	215.5	202.8	195.0	190.3	185.5	178.6	162.5	147.2	131.9	116.4	100.2
5°	216.6	202.9	195.0	190.6	186.3	179.6	163.4	147.7	132.8	117.1	100.8
2.5°	217.4	202.9	194.8	190.8	186.9	180.2	163.9	147.9	133.5	117.5	101.2
0°	217.7	202.5	194.4	190.9	187.4	180.4	164.1	147.8	133.9	117.6	101.3
-2.5°	217.4	202.9	194.8	190.8	186.9	180.2	163.9	147.9	133.5	117.5	101.2
-5°	216.6	202.9	195.0	190.6	186.3	179.6	163.4	147.7	132.8	117.1	100.8
-7.5°	215.5	202.8	195.0	190.3	185.5	178.6	162.5	147.2	131.9	116.4	100.2
-10°	214.0	202.5	194.9	189.7	184.7	177.0	161.4	146.3	130.7	115.5	99.4
-12.5°	212.2	201.8	194.5	189.0	183.7	174.9	160.2	145.1	129.3	114.4	98.3
-15°	210.2	200.9	193.7	188.0	182.3	172.8	158.6	143.5	128.0	113.0	97.0
-17.5°	208.2	199.7	192.4	186.9	180.7	170.5	156.7	141.7	126.4	111.3	95.4
-20°	207.7	198.4	190.7	185.5	178.8	168.2	154.5	139.5	124.4	109.4	93.6



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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°	206.3	196.8	189.3	183.5	176.3	165.9	152.0	137.0	122.1	107.3	91.6
-25°	203.8	194.4	187.4	181.0	173.3	162.8	149.0	134.3	119.5	104.9	89.3
-27.5°	200.7	191.6	185.1	178.2	170.0	159.3	145.6	131.1	116.6	102.3	86.8
-30°	196.9	188.7	182.0	175.0	166.5	155.0	141.9	127.6	113.4	99.3	84.0
-32.5°	192.1	185.2	178.4	170.9	161.8	150.4	137.7	123.7	110.0	95.9	81.1
-35°	187.9	181.2	174.5	166.4	156.6	145.3	132.9	119.4	106.3	92.3	78.0
-37.5°	183.6	177.1	169.4	161.2	151.2	140.0	127.8	114.9	102.4	88.4	74.7
-40°	178.9	172.3	164.5	155.2	145.3	134.5	122.5	110.3	97.9	84.2	71.3
-42.5°	174.1	167.0	158.7	149.2	139.2	128.5	117.0	105.3	92.9	80.0	67.7
-45°	168.3	161.1	152.5	142.8	132.9	122.3	111.2	100.1	87.8	75.7	63.9
-47.5°	162.2	154.4	145.7	136.2	126.0	115.8	105.2	94.2	82.5	71.2	59.9
-50°	155.1	147.2	138.4	129.0	119.2	108.9	98.8	88.1	77.3	66.6	55.8
-52.5°	147.0	139.1	130.5	121.4	111.7	101.7	92.0	82.0	72.0	61.8	51.6
-55°	138.0	130.4	122.1	113.2	103.8	94.3	85.1	75.8	66.4	56.9	47.3
-57.5°	128.3	121.2	113.1	104.5	95.7	86.8	78.2	69.5	60.8	51.8	43.1
-60°	118.1	111.1	103.6	95.5	87.3	79.1	71.1	63.1	54.9	46.7	38.9
-62.5°	107.1	100.7	93.5	86.0	78.7	71.3	63.9	56.5	48.9	41.7	34.5
-65°	95.8	89.7	83.1	76.7	70.1	63.3	56.5	49.7	43.2	36.7	30.3
-67.5°	84.3	78.6	73.1	67.3	61.2	55.1	49.0	43.2	37.4	31.5	26.5
-70°	72.1	67.4	62.6	57.4	52.0	46.7	41.7	36.7	31.5	27.2	22.6
-72.5°	60.0	56.0	51.7	47.3	43.1	38.9	34.5	30.4	26.7	22.8	18.7
-75°	48.2	44.9	41.6	38.2	34.6	31.1	28.1	25.1	21.8	18.4	15.4
-77.5°	37.3	34.6	31.9	29.4	26.9	24.6	22.2	19.8	17.1	14.7	12.3
-80°	26.9	25.1	23.3	21.5	19.7	18.0	16.5	14.9	12.9	11.0	9.1
-82.5°	17.0	16.2	15.4	14.6	13.6	12.5	11.3	10.1	8.6	7.3	6.3
-85°	10.4	9.8	9.2	8.5	7.8	7.0	6.5	5.9	5.4	4.8	4.2
-87.5°	4.7	4.5	4.3	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.1
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
82.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
80°	7.3	6.0	4.8	3.6	2.4	1.2	0.0
77.5°	10.0	7.8	6.0	4.5	3.0	1.5	0.0
75°	12.7	10.1	7.3	5.4	3.6	1.8	0.0
72.5°	15.3	12.3	9.2	6.3	4.2	2.1	0.0
70°	18.0	14.6	11.0	7.3	4.8	2.4	0.0
67.5°	21.4	16.8	12.8	8.7	5.4	2.7	0.0
65°	24.7	19.2	14.6	10.0	5.9	3.0	0.0
62.5°	27.9	21.9	16.4	11.4	6.5	3.2	0.0
60°	31.0	24.5	18.1	12.7	7.0	3.5	0.0
57.5°	34.6	27.0	20.1	14.0	7.9	3.8	0.0
55°	38.2	29.4	22.0	15.2	8.7	4.0	0.0
52.5°	41.6	31.9	23.9	16.5	9.5	4.3	0.0
50°	44.9	34.6	25.7	17.7	10.3	4.5	0.0
47.5°	48.2	37.3	27.4	18.8	11.1	4.7	0.0
45°	51.6	39.9	29.1	20.1	11.8	4.9	0.0
42.5°	54.9	42.4	30.6	21.3	12.5	5.2	0.0
40°	58.1	44.7	32.3	22.4	13.2	5.4	0.0
37.5°	61.1	47.0	34.1	23.4	13.8	5.6	0.0
35°	64.0	49.3	35.8	24.4	14.4	5.7	0.0
32.5°	66.7	51.5	37.4	25.4	15.0	5.9	0.0
30°	69.2	53.6	38.9	26.2	15.5	6.1	0.0
27.5°	71.5	55.6	40.3	27.0	16.0	6.2	0.0
25°	73.6	57.4	41.6	27.8	16.4	6.3	0.0
22.5°	75.5	59.1	42.9	28.5	16.8	6.5	0.0
20°	77.3	60.7	44.0	29.1	17.2	6.6	0.0
17.5°	78.8	62.0	45.0	29.6	17.5	6.7	0.0
15°	80.1	63.2	46.0	30.1	17.8	6.8	0.0
12.5°	81.3	64.1	46.7	30.5	18.0	6.8	0.0
10°	82.2	64.9	47.4	30.8	18.2	6.9	0.0
7.5°	82.9	65.5	48.0	31.1	18.4	6.9	0.0
5°	83.4	66.0	48.4	31.3	18.5	7.0	0.0
2.5°	83.7	66.2	48.7	31.4	18.6	7.0	0.0
0°	83.8	66.3	48.9	31.4	18.6	7.0	0.0
-2.5°	83.7	66.2	48.7	31.4	18.6	7.0	0.0
-5°	83.4	66.0	48.4	31.3	18.5	7.0	0.0
-7.5°	82.9	65.5	48.0	31.1	18.4	6.9	0.0
-10°	82.2	64.9	47.4	30.8	18.2	6.9	0.0
-12.5°	81.3	64.1	46.7	30.5	18.0	6.8	0.0
-15°	80.1	63.2	46.0	30.1	17.8	6.8	0.0
-17.5°	78.8	62.0	45.0	29.6	17.5	6.7	0.0
-20°	77.3	60.7	44.0	29.1	17.2	6.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	75.5	59.1	42.9	28.5	16.8	6.5	0.0
-25°	73.6	57.4	41.6	27.8	16.4	6.3	0.0
-27.5°	71.5	55.6	40.3	27.0	16.0	6.2	0.0
-30°	69.2	53.6	38.9	26.2	15.5	6.1	0.0
-32.5°	66.7	51.5	37.4	25.4	15.0	5.9	0.0
-35°	64.0	49.3	35.8	24.4	14.4	5.7	0.0
-37.5°	61.1	47.0	34.1	23.4	13.8	5.6	0.0
-40°	58.1	44.7	32.3	22.4	13.2	5.4	0.0
-42.5°	54.9	42.4	30.6	21.3	12.5	5.2	0.0
-45°	51.6	39.9	29.1	20.1	11.8	4.9	0.0
-47.5°	48.2	37.3	27.4	18.8	11.1	4.7	0.0
-50°	44.9	34.6	25.7	17.7	10.3	4.5	0.0
-52.5°	41.6	31.9	23.9	16.5	9.5	4.3	0.0
-55°	38.2	29.4	22.0	15.2	8.7	4.0	0.0
-57.5°	34.6	27.0	20.1	14.0	7.9	3.8	0.0
-60°	31.0	24.5	18.1	12.7	7.0	3.5	0.0
-62.5°	27.9	21.9	16.4	11.4	6.5	3.2	0.0
-65°	24.7	19.2	14.6	10.0	5.9	3.0	0.0
-67.5°	21.4	16.8	12.8	8.7	5.4	2.7	0.0
-70°	18.0	14.6	11.0	7.3	4.8	2.4	0.0
-72.5°	15.3	12.3	9.2	6.3	4.2	2.1	0.0
-75°	12.7	10.1	7.3	5.4	3.6	1.8	0.0
-77.5°	10.0	7.8	6.0	4.5	3.0	1.5	0.0
-80°	7.3	6.0	4.8	3.6	2.4	1.2	0.0
-82.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-85°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)