

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: P558764 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558764 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3B-935-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

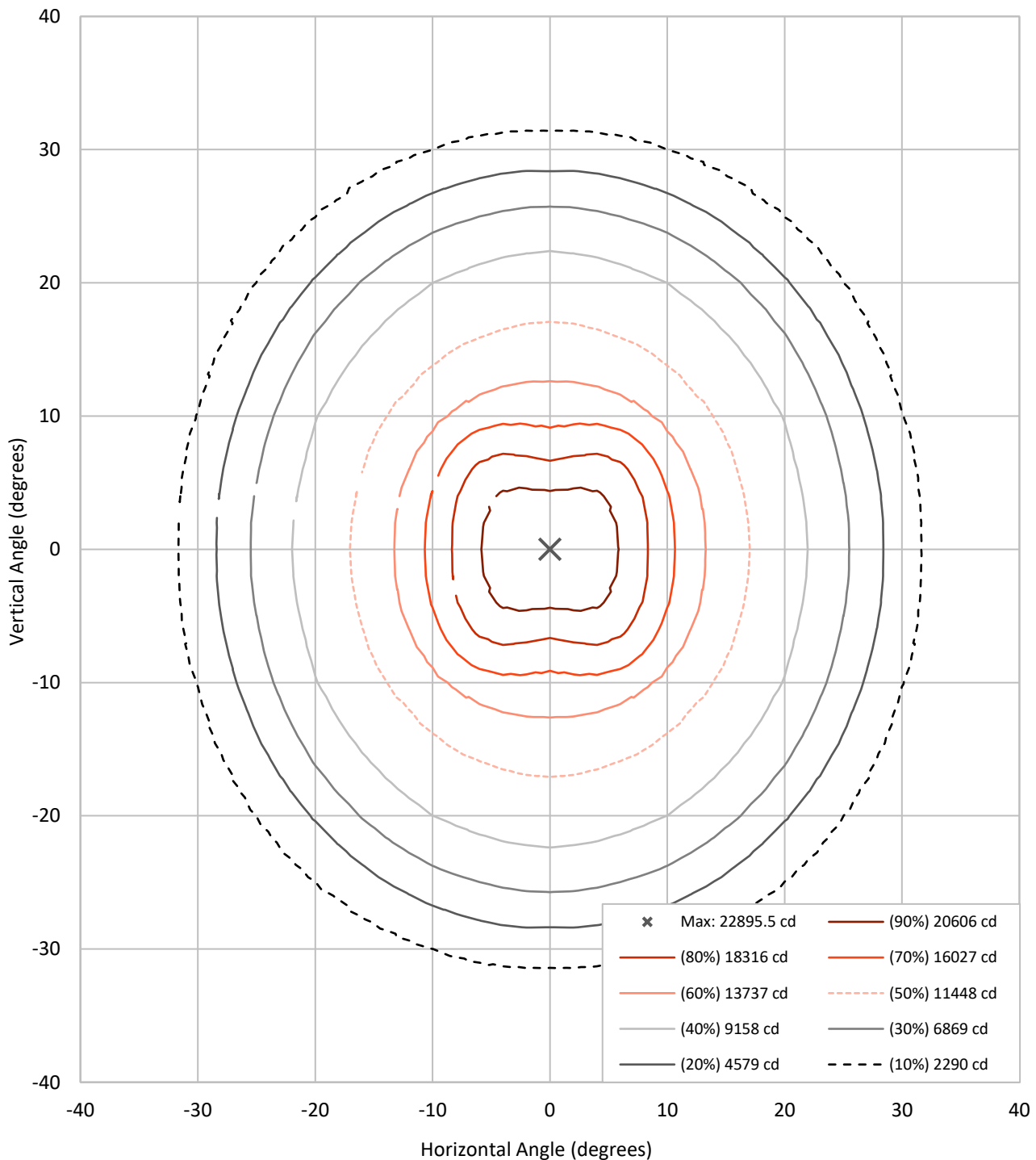
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	10128.4 lumens	Max Intensity:	22895.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	4314 lumens	Field Lumens:	8817 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 91
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: P558764 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





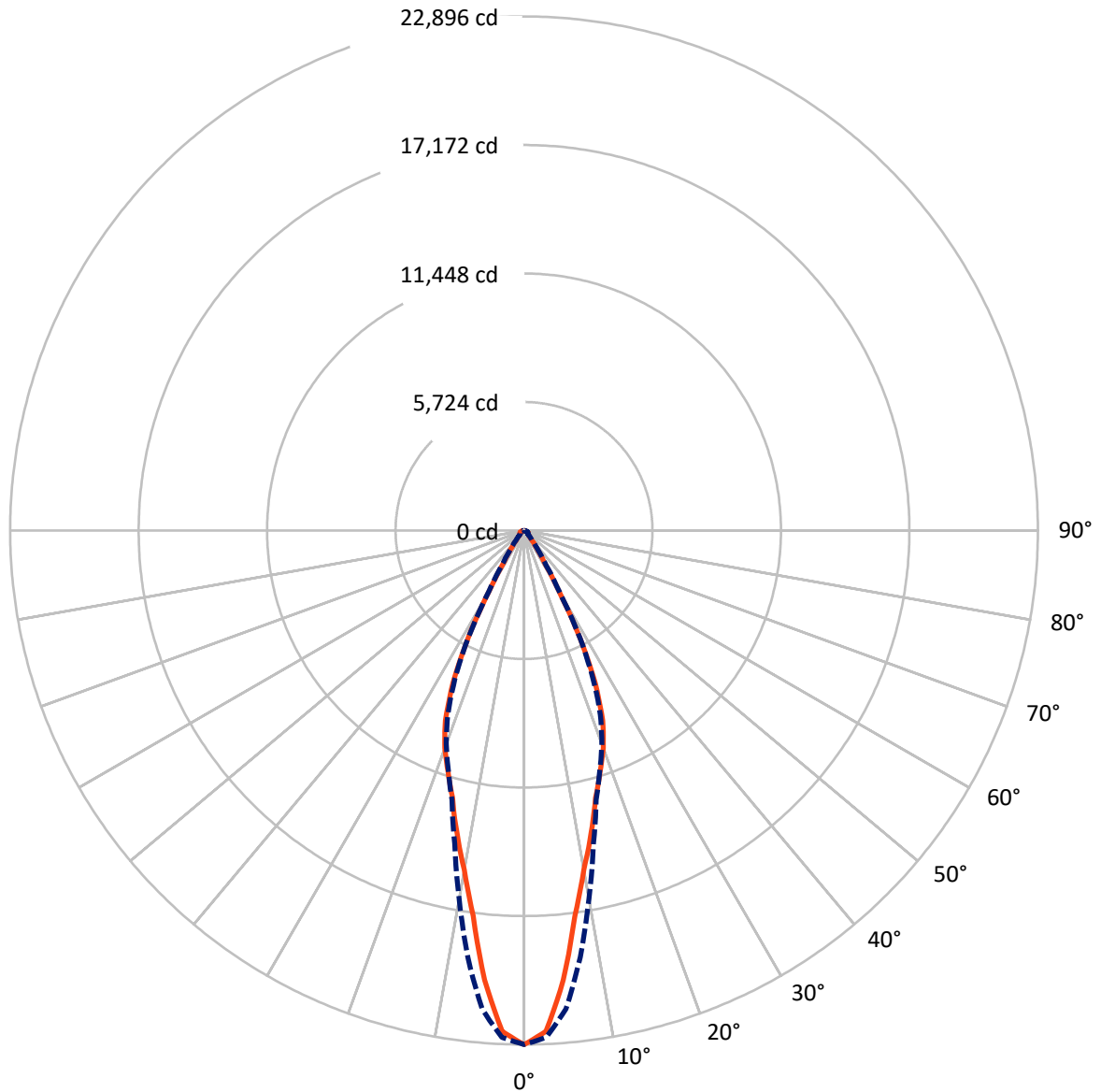
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Lumen Table

90																			
80	0.1	1.1		3.1		5.2		6.0		5.2		3.1		1.1		0.1			
70																			
60	0.5	0.6	1.3	2.2	3.3	4.2	4.9	5.3	5.3	4.9	4.2	3.3	2.2	1.3	0.6	0.5			
50		0.9	2.1	3.6	4.9	5.5	5.8	6.0	6.0	5.8	5.5	4.9	3.6	2.1	0.9				
40	1.0	1.3	2.9	4.3	5.0	6.2	8.0	9.2	9.2	8.0	6.2	5.0	4.3	2.9	1.3	1.0			
30		1.7	3.3	4.4	6.5	12.9	24.5	37.5	37.5	24.5	12.9	6.5	4.4	3.3	1.7				
20	1.3	1.9	3.4	4.9	11.9	39.4	123.9	204.0	204.0	123.9	39.4	11.9	4.9	3.4	1.9	1.3			
10		2.1	3.5	6.0	22.1	116.8	276.0	365.6	365.6	276.0	116.8	22.1	6.0	3.5	2.1				
0	1.4	2.2	3.5	6.9	33.7	184.0	359.0	566.5	566.5	359.0	184.0	33.7	6.9	3.5	2.2	1.4			
-10		2.2	3.5	6.9	33.7	184.0	359.0	566.5	566.5	359.0	184.0	33.7	6.9	3.5	2.2				
-20	1.3	2.1	3.5	6.0	22.1	116.8	276.0	365.6	365.6	276.0	116.8	22.1	6.0	3.5	2.1	1.3			
-30		1.9	3.4	4.9	11.9	39.4	123.9	204.0	204.0	123.9	39.4	11.9	4.9	3.4	1.9				
-40	1.0	1.7	3.3	4.4	6.5	12.9	24.5	37.5	37.5	24.5	12.9	6.5	4.4	3.3	1.7	1.0			
-50		1.3	2.9	4.3	5.0	6.2	8.0	9.2	9.2	8.0	6.2	5.0	4.3	2.9	1.3				
-60	0.5	0.9	2.1	3.6	4.9	5.5	5.8	6.0	6.0	5.8	5.5	4.9	3.6	2.1	0.9	0.5			
-70		0.6	1.3	2.2	3.3	4.2	4.9	5.3	5.3	4.9	4.2	3.3	2.2	1.3	0.6				
-80																			
-90	0.1	1.1		3.1		5.2		6.0		5.2		3.1		1.1		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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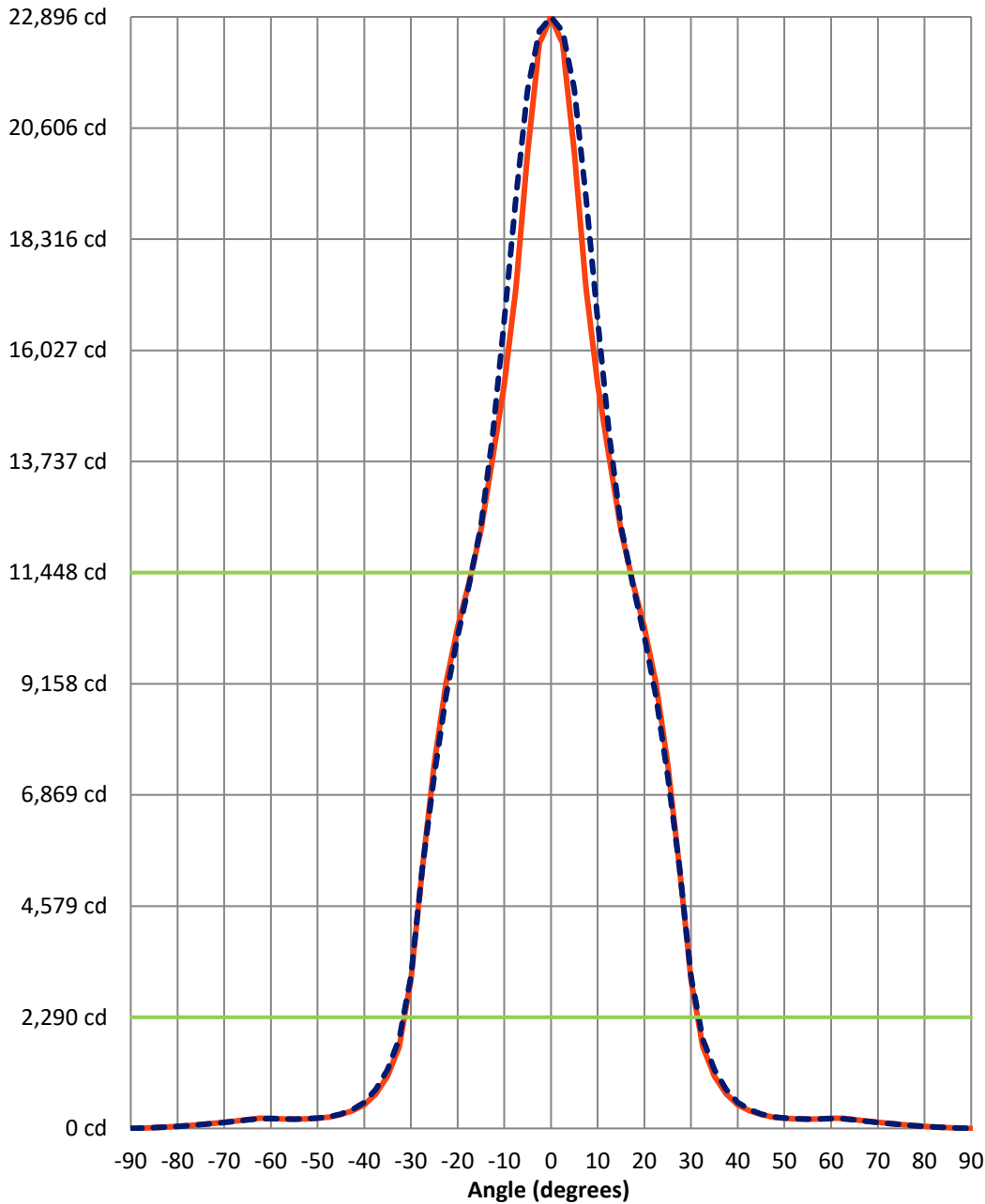
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 4314
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 8817
 Efficiency: 87.1%

Spill:
 Lumens: 1311.3
 Efficiency: 12.9%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.5
85°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
82.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.2	6.0	7.2	8.4
80°	0.0	1.0	2.0	3.0	4.0	5.0	6.1	7.9	9.5	11.0	12.5
77.5°	0.0	1.3	2.5	3.8	5.0	6.6	8.8	11.0	13.0	14.8	16.7
75°	0.0	1.5	3.0	4.5	6.1	8.8	11.5	14.1	16.4	18.9	21.5
72.5°	0.0	1.7	3.5	5.2	7.8	10.9	14.2	17.1	20.1	23.1	26.3
70°	0.0	2.0	4.0	6.0	9.5	13.0	16.8	20.3	23.7	27.3	31.9
67.5°	0.0	2.2	4.4	7.2	11.1	15.1	19.4	23.3	27.3	32.6	37.8
65°	0.0	2.5	4.9	8.4	12.7	17.3	22.0	26.3	31.9	37.8	43.9
62.5°	0.0	2.7	5.4	9.6	14.3	19.5	24.6	30.0	36.5	43.1	51.0
60°	0.0	2.9	5.8	10.7	15.8	21.7	27.1	33.9	40.9	49.4	58.0
57.5°	0.0	3.1	6.5	11.8	17.5	23.8	30.3	37.7	46.1	55.5	65.1
55°	0.0	3.3	7.2	12.8	19.3	26.0	33.5	41.4	51.5	61.6	72.2
52.5°	0.0	3.5	7.9	13.9	21.0	28.1	36.6	45.9	56.6	67.6	79.0
50°	0.0	3.7	8.6	14.8	22.6	30.6	39.6	50.2	61.7	73.4	86.1
47.5°	0.0	3.9	9.3	15.9	24.2	33.1	42.6	54.4	66.6	79.0	93.2
45°	0.0	4.1	9.9	17.0	25.8	35.4	46.0	58.4	71.2	85.1	100.0
42.5°	0.0	4.3	10.5	18.2	27.3	37.6	49.2	62.2	75.8	91.1	107.1
40°	0.0	4.4	11.1	19.3	28.9	39.8	52.3	66.0	80.4	96.9	114.0
37.5°	0.0	4.6	11.7	20.3	30.5	41.8	55.1	69.6	85.3	102.5	120.5
35°	0.0	4.8	12.3	21.3	32.1	43.9	57.8	73.1	89.9	108.0	126.8
32.5°	0.0	4.9	12.8	22.2	33.5	46.0	60.4	76.3	94.2	113.1	132.8
30°	0.0	5.0	13.3	23.0	34.9	48.0	62.9	79.5	98.2	118.0	138.4
27.5°	0.0	5.1	13.7	23.8	36.0	49.7	65.4	82.8	101.9	122.4	143.6
25°	0.0	5.3	14.1	24.5	37.1	51.4	67.6	85.7	105.6	126.6	148.4
22.5°	0.0	5.4	14.5	25.1	38.0	52.8	69.6	88.4	108.9	130.6	153.3
20°	0.0	5.5	14.9	25.6	38.9	54.0	71.5	90.8	111.8	134.1	157.6
17.5°	0.0	5.5	15.2	26.0	39.6	55.1	73.1	92.9	114.5	137.2	161.4
15°	0.0	5.6	15.5	26.4	40.3	56.0	74.6	94.8	116.7	139.9	164.6
12.5°	0.0	5.7	15.8	26.7	40.8	56.8	75.8	96.4	118.6	142.2	167.3
10°	0.0	5.7	16.0	26.9	41.2	57.4	76.8	97.7	120.1	144.2	169.8
7.5°	0.0	5.8	16.2	27.1	41.5	57.9	77.6	98.7	121.3	146.0	172.3
5°	0.0	5.8	16.3	27.2	41.7	58.2	78.2	99.4	122.0	147.3	174.3
2.5°	0.0	5.8	16.4	27.2	41.8	58.3	78.6	99.9	122.4	148.2	175.8
0°	0.0	5.8	16.5	27.2	41.8	58.3	78.7	100.0	122.4	148.6	176.8
-2.5°	0.0	5.8	16.4	27.2	41.8	58.3	78.6	99.9	122.4	148.2	175.8
-5°	0.0	5.8	16.3	27.2	41.7	58.2	78.2	99.4	122.0	147.3	174.3
-7.5°	0.0	5.8	16.2	27.1	41.5	57.9	77.6	98.7	121.3	146.0	172.3
-10°	0.0	5.7	16.0	26.9	41.2	57.4	76.8	97.7	120.1	144.2	169.8
-12.5°	0.0	5.7	15.8	26.7	40.8	56.8	75.8	96.4	118.6	142.2	167.3
-15°	0.0	5.6	15.5	26.4	40.3	56.0	74.6	94.8	116.7	139.9	164.6
-17.5°	0.0	5.5	15.2	26.0	39.6	55.1	73.1	92.9	114.5	137.2	161.4
-20°	0.0	5.5	14.9	25.6	38.9	54.0	71.5	90.8	111.8	134.1	157.6



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 CATALOG NUMBER: GFLD-SA3B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.4	14.5	25.1	38.0	52.8	69.6	88.4	108.9	130.6	153.3
-25°	0.0	5.3	14.1	24.5	37.1	51.4	67.6	85.7	105.6	126.6	148.4
-27.5°	0.0	5.1	13.7	23.8	36.0	49.7	65.4	82.8	101.9	122.4	143.6
-30°	0.0	5.0	13.3	23.0	34.9	48.0	62.9	79.5	98.2	118.0	138.4
-32.5°	0.0	4.9	12.8	22.2	33.5	46.0	60.4	76.3	94.2	113.1	132.8
-35°	0.0	4.8	12.3	21.3	32.1	43.9	57.8	73.1	89.9	108.0	126.8
-37.5°	0.0	4.6	11.7	20.3	30.5	41.8	55.1	69.6	85.3	102.5	120.5
-40°	0.0	4.4	11.1	19.3	28.9	39.8	52.3	66.0	80.4	96.9	114.0
-42.5°	0.0	4.3	10.5	18.2	27.3	37.6	49.2	62.2	75.8	91.1	107.1
-45°	0.0	4.1	9.9	17.0	25.8	35.4	46.0	58.4	71.2	85.1	100.0
-47.5°	0.0	3.9	9.3	15.9	24.2	33.1	42.6	54.4	66.6	79.0	93.2
-50°	0.0	3.7	8.6	14.8	22.6	30.6	39.6	50.2	61.7	73.4	86.1
-52.5°	0.0	3.5	7.9	13.9	21.0	28.1	36.6	45.9	56.6	67.6	79.0
-55°	0.0	3.3	7.2	12.8	19.3	26.0	33.5	41.4	51.5	61.6	72.2
-57.5°	0.0	3.1	6.5	11.8	17.5	23.8	30.3	37.7	46.1	55.5	65.1
-60°	0.0	2.9	5.8	10.7	15.8	21.7	27.1	33.9	40.9	49.4	58.0
-62.5°	0.0	2.7	5.4	9.6	14.3	19.5	24.6	30.0	36.5	43.1	51.0
-65°	0.0	2.5	4.9	8.4	12.7	17.3	22.0	26.3	31.9	37.8	43.9
-67.5°	0.0	2.2	4.4	7.2	11.1	15.1	19.4	23.3	27.3	32.6	37.8
-70°	0.0	2.0	4.0	6.0	9.5	13.0	16.8	20.3	23.7	27.3	31.9
-72.5°	0.0	1.7	3.5	5.2	7.8	10.9	14.2	17.1	20.1	23.1	26.3
-75°	0.0	1.5	3.0	4.5	6.1	8.8	11.5	14.1	16.4	18.9	21.5
-77.5°	0.0	1.3	2.5	3.8	5.0	6.6	8.8	11.0	13.0	14.8	16.7
-80°	0.0	1.0	2.0	3.0	4.0	5.0	6.1	7.9	9.5	11.0	12.5
-82.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.2	6.0	7.2	8.4
-85°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.4	4.6
85°	5.4	5.8	6.5	7.2	7.9	8.4	9.0	9.4	10.0	10.5	11.0
82.5°	9.5	10.6	11.7	12.8	13.6	14.4	15.2	16.2	17.4	18.6	19.7
80°	13.9	15.4	17.3	19.1	20.8	22.5	24.1	25.8	27.4	29.1	30.8
77.5°	19.0	21.4	23.8	26.3	28.6	31.4	34.1	36.8	39.2	41.3	43.3
75°	24.3	27.3	30.9	34.5	38.0	41.4	44.9	48.6	51.9	54.9	57.7
72.5°	30.2	34.4	38.7	43.0	47.9	52.5	57.0	61.3	65.3	69.1	72.8
70°	36.6	41.5	47.3	53.1	58.7	64.0	69.2	74.1	78.7	83.6	88.8
67.5°	43.2	50.0	56.6	63.2	69.8	75.8	81.5	87.8	94.0	100.1	106.0
65°	51.1	58.5	66.2	73.7	80.9	88.2	95.4	102.6	110.0	116.9	123.5
62.5°	58.8	67.5	76.0	84.3	92.8	101.1	109.6	118.1	126.2	134.7	142.8
60°	67.1	76.5	85.8	95.2	104.7	114.7	124.2	134.1	144.0	153.6	162.9
57.5°	75.2	85.5	95.7	106.3	117.4	128.4	139.6	150.7	162.1	173.0	182.6
55°	83.2	94.2	105.7	117.9	130.1	142.6	155.2	168.2	180.5	189.6	198.3
52.5°	91.2	103.1	116.2	129.4	143.0	157.1	171.8	184.2	194.5	202.3	204.3
50°	99.0	112.6	126.5	141.0	156.0	172.0	186.0	197.3	203.0	205.3	204.1
47.5°	107.3	121.9	136.8	152.5	169.3	184.5	197.7	203.5	206.3	203.3	199.6
45°	115.5	131.2	146.9	164.1	180.9	195.3	202.7	206.9	203.1	199.6	197.0
42.5°	123.4	140.2	157.4	175.1	190.7	200.9	205.6	203.3	200.1	197.3	198.3
40°	131.2	148.8	167.7	184.3	198.4	203.6	202.8	199.9	198.0	199.3	203.2
37.5°	138.8	157.9	177.2	193.3	200.9	203.0	199.5	197.6	199.0	203.6	212.4
35°	145.9	166.6	185.0	198.5	203.6	200.0	197.5	197.2	202.4	211.7	224.7
32.5°	153.2	174.9	192.3	200.8	201.6	197.6	195.8	200.2	208.4	220.7	242.6
30°	160.2	181.3	197.7	202.8	199.3	196.2	197.3	203.7	214.9	235.3	270.7
27.5°	166.6	187.1	199.4	201.9	197.3	194.8	199.6	209.3	225.4	252.7	303.2
25°	172.5	192.3	201.0	200.0	196.0	195.7	202.3	214.2	236.5	280.6	349.8
22.5°	177.3	197.1	202.4	198.3	194.7	197.3	206.5	223.0	252.9	306.9	398.4
20°	181.2	198.3	202.2	196.6	193.4	198.6	210.2	231.7	274.9	348.1	453.1
17.5°	184.7	199.4	200.8	195.6	194.2	200.6	214.1	239.4	294.4	383.5	505.7
15°	187.9	200.4	199.5	194.7	195.1	203.3	220.4	253.9	317.9	416.9	553.0
12.5°	190.6	201.2	198.2	193.9	195.8	205.6	225.7	267.2	341.1	453.1	628.7
10°	192.9	201.8	197.1	193.2	196.3	207.4	230.1	277.6	358.9	483.8	692.3
7.5°	195.0	202.3	196.2	192.7	196.5	208.7	233.4	285.3	371.6	508.4	739.8
5°	196.6	202.7	195.6	192.5	197.2	210.2	235.8	290.2	379.3	526.4	771.6
2.5°	197.6	202.9	195.3	192.3	198.2	212.2	237.9	294.5	386.2	535.2	794.2
0°	198.1	203.0	195.2	192.3	199.1	213.7	238.9	296.2	389.4	535.1	808.0
-2.5°	197.6	202.9	195.3	192.3	198.2	212.2	237.9	294.5	386.2	535.2	794.2
-5°	196.6	202.7	195.6	192.5	197.2	210.2	235.8	290.2	379.3	526.4	771.6
-7.5°	195.0	202.3	196.2	192.7	196.5	208.7	233.4	285.3	371.6	508.4	739.8
-10°	192.9	201.8	197.1	193.2	196.3	207.4	230.1	277.6	358.9	483.8	692.3
-12.5°	190.6	201.2	198.2	193.9	195.8	205.6	225.7	267.2	341.1	453.1	628.7
-15°	187.9	200.4	199.5	194.7	195.1	203.3	220.4	253.9	317.9	416.9	553.0
-17.5°	184.7	199.4	200.8	195.6	194.2	200.6	214.1	239.4	294.4	383.5	505.7
-20°	181.2	198.3	202.2	196.6	193.4	198.6	210.2	231.7	274.9	348.1	453.1



REPORT NUMBER: P558764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	177.3	197.1	202.4	198.3	194.7	197.3	206.5	223.0	252.9	306.9	398.4
-25°	172.5	192.3	201.0	200.0	196.0	195.7	202.3	214.2	236.5	280.6	349.8
-27.5°	166.6	187.1	199.4	201.9	197.3	194.8	199.6	209.3	225.4	252.7	303.2
-30°	160.2	181.3	197.7	202.8	199.3	196.2	197.3	203.7	214.9	235.3	270.7
-32.5°	153.2	174.9	192.3	200.8	201.6	197.6	195.8	200.2	208.4	220.7	242.6
-35°	145.9	166.6	185.0	198.5	203.6	200.0	197.5	197.2	202.4	211.7	224.7
-37.5°	138.8	157.9	177.2	193.3	200.9	203.0	199.5	197.6	199.0	203.6	212.4
-40°	131.2	148.8	167.7	184.3	198.4	203.6	202.8	199.9	198.0	199.3	203.2
-42.5°	123.4	140.2	157.4	175.1	190.7	200.9	205.6	203.3	200.1	197.3	198.3
-45°	115.5	131.2	146.9	164.1	180.9	195.3	202.7	206.9	203.1	199.6	197.0
-47.5°	107.3	121.9	136.8	152.5	169.3	184.5	197.7	203.5	206.3	203.3	199.6
-50°	99.0	112.6	126.5	141.0	156.0	172.0	186.0	197.3	203.0	205.3	204.1
-52.5°	91.2	103.1	116.2	129.4	143.0	157.1	171.8	184.2	194.5	202.3	204.3
-55°	83.2	94.2	105.7	117.9	130.1	142.6	155.2	168.2	180.5	189.6	198.3
-57.5°	75.2	85.5	95.7	106.3	117.4	128.4	139.6	150.7	162.1	173.0	182.6
-60°	67.1	76.5	85.8	95.2	104.7	114.7	124.2	134.1	144.0	153.6	162.9
-62.5°	58.8	67.5	76.0	84.3	92.8	101.1	109.6	118.1	126.2	134.7	142.8
-65°	51.1	58.5	66.2	73.7	80.9	88.2	95.4	102.6	110.0	116.9	123.5
-67.5°	43.2	50.0	56.6	63.2	69.8	75.8	81.5	87.8	94.0	100.1	106.0
-70°	36.6	41.5	47.3	53.1	58.7	64.0	69.2	74.1	78.7	83.6	88.8
-72.5°	30.2	34.4	38.7	43.0	47.9	52.5	57.0	61.3	65.3	69.1	72.8
-75°	24.3	27.3	30.9	34.5	38.0	41.4	44.9	48.6	51.9	54.9	57.7
-77.5°	19.0	21.4	23.8	26.3	28.6	31.4	34.1	36.8	39.2	41.3	43.3
-80°	13.9	15.4	17.3	19.1	20.8	22.5	24.1	25.8	27.4	29.1	30.8
-82.5°	9.5	10.6	11.7	12.8	13.6	14.4	15.2	16.2	17.4	18.6	19.7
-85°	5.4	5.8	6.5	7.2	7.9	8.4	9.0	9.4	10.0	10.5	11.0
-87.5°	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.4	4.6
-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: P558764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.7	4.6	4.5	4.4	4.5	4.6	4.7	4.7	5.0	5.3
85°	11.4	11.9	12.4	13.0	13.5	13.9	14.2	14.5	14.8	15.0	15.2
82.5°	20.8	21.9	22.9	23.8	24.6	25.3	25.9	26.4	26.9	27.3	27.6
80°	32.4	33.8	35.1	36.2	37.2	38.1	38.8	39.5	39.9	40.9	41.8
77.5°	45.3	47.3	49.2	50.9	52.5	54.0	55.4	56.7	57.8	58.7	59.3
75°	60.4	62.9	65.5	67.8	70.0	72.2	74.3	76.3	78.1	79.3	80.1
72.5°	76.5	80.0	83.1	86.0	88.7	91.4	94.1	96.5	98.6	100.2	101.5
70°	93.8	98.2	101.8	105.2	108.5	111.9	115.2	118.1	120.6	122.6	124.3
67.5°	111.6	116.7	121.3	125.7	130.2	134.4	138.4	142.1	145.5	148.1	149.8
65°	129.9	136.4	142.5	148.0	152.9	157.6	162.6	167.2	171.4	174.8	177.4
62.5°	150.5	158.0	164.8	170.9	176.5	180.9	185.6	189.9	193.8	197.4	201.0
60°	171.7	180.0	186.0	191.2	196.0	200.2	201.9	203.5	204.7	205.9	207.3
57.5°	190.1	197.3	202.4	203.6	204.7	205.6	205.0	203.3	201.6	199.9	198.5
55°	203.0	205.0	207.3	205.5	202.7	200.0	197.7	196.1	194.6	193.2	192.0
52.5°	206.4	204.5	202.1	199.5	197.5	195.5	193.4	193.8	194.4	194.8	195.1
50°	201.4	199.1	197.8	196.3	196.6	197.6	198.4	200.3	202.7	204.4	205.9
47.5°	197.5	196.0	198.0	200.4	202.7	206.9	210.6	214.3	219.9	224.3	227.9
45°	196.5	200.1	203.9	210.0	215.3	224.5	233.1	240.3	253.7	266.0	275.7
42.5°	202.0	208.3	215.2	227.0	239.6	255.9	276.7	294.3	315.0	334.3	348.2
40°	211.2	220.5	236.1	254.9	284.5	310.8	345.3	374.9	402.7	432.1	454.2
37.5°	224.3	241.8	270.9	304.8	349.7	392.7	440.4	486.6	526.0	585.6	632.2
35°	243.9	279.2	320.4	377.1	435.7	501.8	571.4	661.1	740.1	832.8	919.9
32.5°	279.6	327.2	392.0	468.7	546.5	660.6	768.1	913.9	1044.9	1208.4	1384.2
30°	321.3	392.4	479.4	579.5	720.6	877.5	1054.3	1277.9	1543.5	1859.9	2284.4
27.5°	378.8	470.1	579.5	741.9	942.0	1152.2	1465.7	1841.6	2526.5	3123.4	3914.4
25°	440.7	552.3	725.3	943.4	1206.8	1585.3	2198.3	2980.3	4088.0	5147.2	5993.9
22.5°	512.2	675.1	893.5	1164.9	1591.2	2324.0	3275.8	4653.0	5888.2	6956.5	7779.1
20°	591.2	795.6	1089.1	1503.9	2229.8	3303.1	4831.0	6244.4	7505.9	8425.6	9152.5
17.5°	693.6	960.6	1333.0	1905.4	3019.5	4673.3	6248.4	7645.5	8743.1	9551.1	10195.6
15°	789.2	1112.5	1595.2	2571.7	4092.3	5859.8	7474.4	8720.6	9670.5	10422.4	11001.8
12.5°	902.1	1283.1	1901.6	3147.3	5078.7	6838.7	8344.8	9508.6	10423.3	11128.1	11904.5
10°	1002.6	1466.7	2340.6	3914.3	5888.8	7608.1	9070.7	10116.5	11033.7	11952.1	13116.5
7.5°	1085.5	1620.7	2700.6	4561.5	6510.8	8177.2	9509.6	10554.5	11565.5	12792.1	14471.6
5°	1151.4	1736.9	2996.8	5050.1	6962.9	8583.3	9844.8	10904.0	12045.9	13686.7	15940.6
2.5°	1195.5	1813.1	3181.9	5345.3	7248.1	8816.3	10093.3	11132.6	12329.9	14187.7	16542.3
0°	1213.0	1848.2	3135.0	5398.8	7265.4	8892.1	10130.4	11218.1	12410.7	14271.5	16652.8
-2.5°	1195.5	1813.1	3181.9	5345.3	7248.1	8816.3	10093.3	11132.6	12329.9	14187.7	16542.3
-5°	1151.4	1736.9	2996.8	5050.1	6962.9	8583.3	9844.8	10904.0	12045.9	13686.7	15940.6
-7.5°	1085.5	1620.7	2700.6	4561.5	6510.8	8177.2	9509.6	10554.5	11565.5	12792.1	14471.6
-10°	1002.6	1466.7	2340.6	3914.3	5888.8	7608.1	9070.7	10116.5	11033.7	11952.1	13116.5
-12.5°	902.1	1283.1	1901.6	3147.3	5078.7	6838.7	8344.8	9508.6	10423.3	11128.1	11904.5
-15°	789.2	1112.5	1595.2	2571.7	4092.3	5859.8	7474.4	8720.6	9670.5	10422.4	11001.8
-17.5°	693.6	960.6	1333.0	1905.4	3019.5	4673.3	6248.4	7645.5	8743.1	9551.1	10195.6
-20°	591.2	795.6	1089.1	1503.9	2229.8	3303.1	4831.0	6244.4	7505.9	8425.6	9152.5



REPORT NUMBER: P558764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	512.2	675.1	893.5	1164.9	1591.2	2324.0	3275.8	4653.0	5888.2	6956.5	7779.1
-25°	440.7	552.3	725.3	943.4	1206.8	1585.3	2198.3	2980.3	4088.0	5147.2	5993.9
-27.5°	378.8	470.1	579.5	741.9	942.0	1152.2	1465.7	1841.6	2526.5	3123.4	3914.4
-30°	321.3	392.4	479.4	579.5	720.6	877.5	1054.3	1277.9	1543.5	1859.9	2284.4
-32.5°	279.6	327.2	392.0	468.7	546.5	660.6	768.1	913.9	1044.9	1208.4	1384.2
-35°	243.9	279.2	320.4	377.1	435.7	501.8	571.4	661.1	740.1	832.8	919.9
-37.5°	224.3	241.8	270.9	304.8	349.7	392.7	440.4	486.6	526.0	585.6	632.2
-40°	211.2	220.5	236.1	254.9	284.5	310.8	345.3	374.9	402.7	432.1	454.2
-42.5°	202.0	208.3	215.2	227.0	239.6	255.9	276.7	294.3	315.0	334.3	348.2
-45°	196.5	200.1	203.9	210.0	215.3	224.5	233.1	240.3	253.7	266.0	275.7
-47.5°	197.5	196.0	198.0	200.4	202.7	206.9	210.6	214.3	219.9	224.3	227.9
-50°	201.4	199.1	197.8	196.3	196.6	197.6	198.4	200.3	202.7	204.4	205.9
-52.5°	206.4	204.5	202.1	199.5	197.5	195.5	193.4	193.8	194.4	194.8	195.1
-55°	203.0	205.0	207.3	205.5	202.7	200.0	197.7	196.1	194.6	193.2	192.0
-57.5°	190.1	197.3	202.4	203.6	204.7	205.6	205.0	203.3	201.6	199.9	198.5
-60°	171.7	180.0	186.0	191.2	196.0	200.2	201.9	203.5	204.7	205.9	207.3
-62.5°	150.5	158.0	164.8	170.9	176.5	180.9	185.6	189.9	193.8	197.4	201.0
-65°	129.9	136.4	142.5	148.0	152.9	157.6	162.6	167.2	171.4	174.8	177.4
-67.5°	111.6	116.7	121.3	125.7	130.2	134.4	138.4	142.1	145.5	148.1	149.8
-70°	93.8	98.2	101.8	105.2	108.5	111.9	115.2	118.1	120.6	122.6	124.3
-72.5°	76.5	80.0	83.1	86.0	88.7	91.4	94.1	96.5	98.6	100.2	101.5
-75°	60.4	62.9	65.5	67.8	70.0	72.2	74.3	76.3	78.1	79.3	80.1
-77.5°	45.3	47.3	49.2	50.9	52.5	54.0	55.4	56.7	57.8	58.7	59.3
-80°	32.4	33.8	35.1	36.2	37.2	38.1	38.8	39.5	39.9	40.9	41.8
-82.5°	20.8	21.9	22.9	23.8	24.6	25.3	25.9	26.4	26.9	27.3	27.6
-85°	11.4	11.9	12.4	13.0	13.5	13.9	14.2	14.5	14.8	15.0	15.2
-87.5°	4.8	4.7	4.6	4.5	4.4	4.5	4.6	4.7	4.7	5.0	5.3
-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: P558764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	5.8	5.8	5.8	5.8	5.8	5.5	5.3	5.0	4.7	4.7
85°	15.3	15.4	16.0	16.5	16.0	15.4	15.3	15.2	15.0	14.8	14.5
82.5°	27.9	28.1	28.2	28.2	28.2	28.1	27.9	27.6	27.3	26.9	26.4
80°	42.7	43.4	43.1	42.7	43.1	43.4	42.7	41.8	40.9	39.9	39.5
77.5°	59.7	59.9	59.6	59.2	59.6	59.9	59.7	59.3	58.7	57.8	56.7
75°	80.8	81.1	81.5	81.6	81.5	81.1	80.8	80.1	79.3	78.1	76.3
72.5°	102.5	103.3	103.3	102.9	103.3	103.3	102.5	101.5	100.2	98.6	96.5
70°	125.5	126.5	127.0	127.2	127.0	126.5	125.5	124.3	122.6	120.6	118.1
67.5°	151.0	151.7	152.3	152.5	152.3	151.7	151.0	149.8	148.1	145.5	142.1
65°	179.6	181.3	181.9	181.6	181.9	181.3	179.6	177.4	174.8	171.4	167.2
62.5°	204.3	207.3	208.5	208.8	208.5	207.3	204.3	201.0	197.4	193.8	189.9
60°	208.5	209.5	209.8	209.8	209.8	209.5	208.5	207.3	205.9	204.7	203.5
57.5°	197.2	196.1	195.4	195.2	195.4	196.1	197.2	198.5	199.9	201.6	203.3
55°	190.9	190.0	189.5	189.4	189.5	190.0	190.9	192.0	193.2	194.6	196.1
52.5°	195.2	195.1	195.5	196.2	195.5	195.1	195.2	195.1	194.8	194.4	193.8
50°	207.1	208.0	208.9	209.8	208.9	208.0	207.1	205.9	204.4	202.7	200.3
47.5°	230.5	231.8	232.6	233.1	232.6	231.8	230.5	227.9	224.3	219.9	214.3
45°	282.0	285.3	286.9	287.5	286.9	285.3	282.0	275.7	266.0	253.7	240.3
42.5°	357.5	362.5	364.7	365.2	364.7	362.5	357.5	348.2	334.3	315.0	294.3
40°	470.1	479.1	483.5	486.6	483.5	479.1	470.1	454.2	432.1	402.7	374.9
37.5°	667.2	689.9	702.7	713.8	702.7	689.9	667.2	632.2	585.6	526.0	486.6
35°	990.8	1042.7	1073.3	1079.9	1073.3	1042.7	990.8	919.9	832.8	740.1	661.1
32.5°	1519.5	1621.3	1682.2	1689.8	1682.2	1621.3	1519.5	1384.2	1208.4	1044.9	913.9
30°	2613.9	2899.3	3094.8	3068.0	3094.8	2899.3	2613.9	2284.4	1859.9	1543.5	1277.9
27.5°	4562.4	5079.9	5416.0	5388.1	5416.0	5079.9	4562.4	3914.4	3123.4	2526.5	1841.6
25°	6644.9	7121.2	7402.4	7506.2	7402.4	7121.2	6644.9	5993.9	5147.2	4088.0	2980.3
22.5°	8345.5	8771.4	9014.6	9160.2	9014.6	8771.4	8345.5	7779.1	6956.5	5888.2	4653.0
20°	9648.5	10017.8	10227.0	10316.8	10227.0	10017.8	9648.5	9152.5	8425.6	7505.9	6244.4
17.5°	10650.9	10960.1	11196.9	11257.9	11196.9	10960.1	10650.9	10195.6	9551.1	8743.1	7645.5
15°	11537.5	11936.9	12216.2	12320.4	12216.2	11936.9	11537.5	11001.8	10422.4	9670.5	8720.6
12.5°	12655.6	13350.0	13719.2	13804.3	13719.2	13350.0	12655.6	11904.5	11128.1	10423.3	9508.6
10°	14308.3	15375.6	15496.6	15331.0	15496.6	15375.6	14308.3	13116.5	11952.1	11033.7	10116.5
7.5°	16715.1	18138.3	17830.6	17318.1	17830.6	18138.3	16715.1	14471.6	12792.1	11565.5	10554.5
5°	18437.4	20413.5	20474.9	20098.5	20474.9	20413.5	18437.4	15940.6	13686.7	12045.9	10904.0
2.5°	19123.2	21157.3	22169.7	22335.7	22169.7	21157.3	19123.2	16542.3	14187.7	12329.9	11132.6
0°	19174.5	21397.0	22597.3	22895.5	22597.3	21397.0	19174.5	16652.8	14271.5	12410.7	11218.1
-2.5°	19123.2	21157.3	22169.7	22335.7	22169.7	21157.3	19123.2	16542.3	14187.7	12329.9	11132.6
-5°	18437.4	20413.5	20474.9	20098.5	20474.9	20413.5	18437.4	15940.6	13686.7	12045.9	10904.0
-7.5°	16715.1	18138.3	17830.6	17318.1	17830.6	18138.3	16715.1	14471.6	12792.1	11565.5	10554.5
-10°	14308.3	15375.6	15496.6	15331.0	15496.6	15375.6	14308.3	13116.5	11952.1	11033.7	10116.5
-12.5°	12655.6	13350.0	13719.2	13804.3	13719.2	13350.0	12655.6	11904.5	11128.1	10423.3	9508.6
-15°	11537.5	11936.9	12216.2	12320.4	12216.2	11936.9	11537.5	11001.8	10422.4	9670.5	8720.6
-17.5°	10650.9	10960.1	11196.9	11257.9	11196.9	10960.1	10650.9	10195.6	9551.1	8743.1	7645.5
-20°	9648.5	10017.8	10227.0	10316.8	10227.0	10017.8	9648.5	9152.5	8425.6	7505.9	6244.4



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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°	8345.5	8771.4	9014.6	9160.2	9014.6	8771.4	8345.5	7779.1	6956.5	5888.2	4653.0
-25°	6644.9	7121.2	7402.4	7506.2	7402.4	7121.2	6644.9	5993.9	5147.2	4088.0	2980.3
-27.5°	4562.4	5079.9	5416.0	5388.1	5416.0	5079.9	4562.4	3914.4	3123.4	2526.5	1841.6
-30°	2613.9	2899.3	3094.8	3068.0	3094.8	2899.3	2613.9	2284.4	1859.9	1543.5	1277.9
-32.5°	1519.5	1621.3	1682.2	1689.8	1682.2	1621.3	1519.5	1384.2	1208.4	1044.9	913.9
-35°	990.8	1042.7	1073.3	1079.9	1073.3	1042.7	990.8	919.9	832.8	740.1	661.1
-37.5°	667.2	689.9	702.7	713.8	702.7	689.9	667.2	632.2	585.6	526.0	486.6
-40°	470.1	479.1	483.5	486.6	483.5	479.1	470.1	454.2	432.1	402.7	374.9
-42.5°	357.5	362.5	364.7	365.2	364.7	362.5	357.5	348.2	334.3	315.0	294.3
-45°	282.0	285.3	286.9	287.5	286.9	285.3	282.0	275.7	266.0	253.7	240.3
-47.5°	230.5	231.8	232.6	233.1	232.6	231.8	230.5	227.9	224.3	219.9	214.3
-50°	207.1	208.0	208.9	209.8	208.9	208.0	207.1	205.9	204.4	202.7	200.3
-52.5°	195.2	195.1	195.5	196.2	195.5	195.1	195.2	195.1	194.8	194.4	193.8
-55°	190.9	190.0	189.5	189.4	189.5	190.0	190.9	192.0	193.2	194.6	196.1
-57.5°	197.2	196.1	195.4	195.2	195.4	196.1	197.2	198.5	199.9	201.6	203.3
-60°	208.5	209.5	209.8	209.8	209.8	209.5	208.5	207.3	205.9	204.7	203.5
-62.5°	204.3	207.3	208.5	208.8	208.5	207.3	204.3	201.0	197.4	193.8	189.9
-65°	179.6	181.3	181.9	181.6	181.9	181.3	179.6	177.4	174.8	171.4	167.2
-67.5°	151.0	151.7	152.3	152.5	152.3	151.7	151.0	149.8	148.1	145.5	142.1
-70°	125.5	126.5	127.0	127.2	127.0	126.5	125.5	124.3	122.6	120.6	118.1
-72.5°	102.5	103.3	103.3	102.9	103.3	103.3	102.5	101.5	100.2	98.6	96.5
-75°	80.8	81.1	81.5	81.6	81.5	81.1	80.8	80.1	79.3	78.1	76.3
-77.5°	59.7	59.9	59.6	59.2	59.6	59.9	59.7	59.3	58.7	57.8	56.7
-80°	42.7	43.4	43.1	42.7	43.1	43.4	42.7	41.8	40.9	39.9	39.5
-82.5°	27.9	28.1	28.2	28.2	28.2	28.1	27.9	27.6	27.3	26.9	26.4
-85°	15.3	15.4	16.0	16.5	16.0	15.4	15.3	15.2	15.0	14.8	14.5
-87.5°	5.5	5.8	5.8	5.8	5.8	5.8	5.5	5.3	5.0	4.7	4.7
-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: P558764 (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°
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°	4.6	4.5	4.4	4.5	4.6	4.7	4.8	4.6	4.4	4.3	4.1
85°	14.2	13.9	13.5	13.0	12.4	11.9	11.4	11.0	10.5	10.0	9.4
82.5°	25.9	25.3	24.6	23.8	22.9	21.9	20.8	19.7	18.6	17.4	16.2
80°	38.8	38.1	37.2	36.2	35.1	33.8	32.4	30.8	29.1	27.4	25.8
77.5°	55.4	54.0	52.5	50.9	49.2	47.3	45.3	43.3	41.3	39.2	36.8
75°	74.3	72.2	70.0	67.8	65.5	62.9	60.4	57.7	54.9	51.9	48.6
72.5°	94.1	91.4	88.7	86.0	83.1	80.0	76.5	72.8	69.1	65.3	61.3
70°	115.2	111.9	108.5	105.2	101.8	98.2	93.8	88.8	83.6	78.7	74.1
67.5°	138.4	134.4	130.2	125.7	121.3	116.7	111.6	106.0	100.1	94.0	87.8
65°	162.6	157.6	152.9	148.0	142.5	136.4	129.9	123.5	116.9	110.0	102.6
62.5°	185.6	180.9	176.5	170.9	164.8	158.0	150.5	142.8	134.7	126.2	118.1
60°	201.9	200.2	196.0	191.2	186.0	180.0	171.7	162.9	153.6	144.0	134.1
57.5°	205.0	205.6	204.7	203.6	202.4	197.3	190.1	182.6	173.0	162.1	150.7
55°	197.7	200.0	202.7	205.5	207.3	205.0	203.0	198.3	189.6	180.5	168.2
52.5°	193.4	195.5	197.5	199.5	202.1	204.5	206.4	204.3	202.3	194.5	184.2
50°	198.4	197.6	196.6	196.3	197.8	199.1	201.4	204.1	205.3	203.0	197.3
47.5°	210.6	206.9	202.7	200.4	198.0	196.0	197.5	199.6	203.3	206.3	203.5
45°	233.1	224.5	215.3	210.0	203.9	200.1	196.5	197.0	199.6	203.1	206.9
42.5°	276.7	255.9	239.6	227.0	215.2	208.3	202.0	198.3	197.3	200.1	203.3
40°	345.3	310.8	284.5	254.9	236.1	220.5	211.2	203.2	199.3	198.0	199.9
37.5°	440.4	392.7	349.7	304.8	270.9	241.8	224.3	212.4	203.6	199.0	197.6
35°	571.4	501.8	435.7	377.1	320.4	279.2	243.9	224.7	211.7	202.4	197.2
32.5°	768.1	660.6	546.5	468.7	392.0	327.2	279.6	242.6	220.7	208.4	200.2
30°	1054.3	877.5	720.6	579.5	479.4	392.4	321.3	270.7	235.3	214.9	203.7
27.5°	1465.7	1152.2	942.0	741.9	579.5	470.1	378.8	303.2	252.7	225.4	209.3
25°	2198.3	1585.3	1206.8	943.4	725.3	552.3	440.7	349.8	280.6	236.5	214.2
22.5°	3275.8	2324.0	1591.2	1164.9	893.5	675.1	512.2	398.4	306.9	252.9	223.0
20°	4831.0	3303.1	2229.8	1503.9	1089.1	795.6	591.2	453.1	348.1	274.9	231.7
17.5°	6248.4	4673.3	3019.5	1905.4	1333.0	960.6	693.6	505.7	383.5	294.4	239.4
15°	7474.4	5859.8	4092.3	2571.7	1595.2	1112.5	789.2	553.0	416.9	317.9	253.9
12.5°	8344.8	6838.7	5078.7	3147.3	1901.6	1283.1	902.1	628.7	453.1	341.1	267.2
10°	9070.7	7608.1	5888.8	3914.3	2340.6	1466.7	1002.6	692.3	483.8	358.9	277.6
7.5°	9509.6	8177.2	6510.8	4561.5	2700.6	1620.7	1085.5	739.8	508.4	371.6	285.3
5°	9844.8	8583.3	6962.9	5050.1	2996.8	1736.9	1151.4	771.6	526.4	379.3	290.2
2.5°	10093.3	8816.3	7248.1	5345.3	3181.9	1813.1	1195.5	794.2	535.2	386.2	294.5
0°	10130.4	8892.1	7265.4	5398.8	3135.0	1848.2	1213.0	808.0	535.1	389.4	296.2
-2.5°	10093.3	8816.3	7248.1	5345.3	3181.9	1813.1	1195.5	794.2	535.2	386.2	294.5
-5°	9844.8	8583.3	6962.9	5050.1	2996.8	1736.9	1151.4	771.6	526.4	379.3	290.2
-7.5°	9509.6	8177.2	6510.8	4561.5	2700.6	1620.7	1085.5	739.8	508.4	371.6	285.3
-10°	9070.7	7608.1	5888.8	3914.3	2340.6	1466.7	1002.6	692.3	483.8	358.9	277.6
-12.5°	8344.8	6838.7	5078.7	3147.3	1901.6	1283.1	902.1	628.7	453.1	341.1	267.2
-15°	7474.4	5859.8	4092.3	2571.7	1595.2	1112.5	789.2	553.0	416.9	317.9	253.9
-17.5°	6248.4	4673.3	3019.5	1905.4	1333.0	960.6	693.6	505.7	383.5	294.4	239.4
-20°	4831.0	3303.1	2229.8	1503.9	1089.1	795.6	591.2	453.1	348.1	274.9	231.7



REPORT NUMBER: P558764 (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°	3275.8	2324.0	1591.2	1164.9	893.5	675.1	512.2	398.4	306.9	252.9	223.0
-25°	2198.3	1585.3	1206.8	943.4	725.3	552.3	440.7	349.8	280.6	236.5	214.2
-27.5°	1465.7	1152.2	942.0	741.9	579.5	470.1	378.8	303.2	252.7	225.4	209.3
-30°	1054.3	877.5	720.6	579.5	479.4	392.4	321.3	270.7	235.3	214.9	203.7
-32.5°	768.1	660.6	546.5	468.7	392.0	327.2	279.6	242.6	220.7	208.4	200.2
-35°	571.4	501.8	435.7	377.1	320.4	279.2	243.9	224.7	211.7	202.4	197.2
-37.5°	440.4	392.7	349.7	304.8	270.9	241.8	224.3	212.4	203.6	199.0	197.6
-40°	345.3	310.8	284.5	254.9	236.1	220.5	211.2	203.2	199.3	198.0	199.9
-42.5°	276.7	255.9	239.6	227.0	215.2	208.3	202.0	198.3	197.3	200.1	203.3
-45°	233.1	224.5	215.3	210.0	203.9	200.1	196.5	197.0	199.6	203.1	206.9
-47.5°	210.6	206.9	202.7	200.4	198.0	196.0	197.5	199.6	203.3	206.3	203.5
-50°	198.4	197.6	196.6	196.3	197.8	199.1	201.4	204.1	205.3	203.0	197.3
-52.5°	193.4	195.5	197.5	199.5	202.1	204.5	206.4	204.3	202.3	194.5	184.2
-55°	197.7	200.0	202.7	205.5	207.3	205.0	203.0	198.3	189.6	180.5	168.2
-57.5°	205.0	205.6	204.7	203.6	202.4	197.3	190.1	182.6	173.0	162.1	150.7
-60°	201.9	200.2	196.0	191.2	186.0	180.0	171.7	162.9	153.6	144.0	134.1
-62.5°	185.6	180.9	176.5	170.9	164.8	158.0	150.5	142.8	134.7	126.2	118.1
-65°	162.6	157.6	152.9	148.0	142.5	136.4	129.9	123.5	116.9	110.0	102.6
-67.5°	138.4	134.4	130.2	125.7	121.3	116.7	111.6	106.0	100.1	94.0	87.8
-70°	115.2	111.9	108.5	105.2	101.8	98.2	93.8	88.8	83.6	78.7	74.1
-72.5°	94.1	91.4	88.7	86.0	83.1	80.0	76.5	72.8	69.1	65.3	61.3
-75°	74.3	72.2	70.0	67.8	65.5	62.9	60.4	57.7	54.9	51.9	48.6
-77.5°	55.4	54.0	52.5	50.9	49.2	47.3	45.3	43.3	41.3	39.2	36.8
-80°	38.8	38.1	37.2	36.2	35.1	33.8	32.4	30.8	29.1	27.4	25.8
-82.5°	25.9	25.3	24.6	23.8	22.9	21.9	20.8	19.7	18.6	17.4	16.2
-85°	14.2	13.9	13.5	13.0	12.4	11.9	11.4	11.0	10.5	10.0	9.4
-87.5°	4.6	4.5	4.4	4.5	4.6	4.7	4.8	4.6	4.4	4.3	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



REPORT NUMBER: P558764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-MR-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°	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.7
85°	9.0	8.4	7.9	7.2	6.5	5.8	5.4	4.9	4.4	4.0	3.5
82.5°	15.2	14.4	13.6	12.8	11.7	10.6	9.5	8.4	7.2	6.0	5.2
80°	24.1	22.5	20.8	19.1	17.3	15.4	13.9	12.5	11.0	9.5	7.9
77.5°	34.1	31.4	28.6	26.3	23.8	21.4	19.0	16.7	14.8	13.0	11.0
75°	44.9	41.4	38.0	34.5	30.9	27.3	24.3	21.5	18.9	16.4	14.1
72.5°	57.0	52.5	47.9	43.0	38.7	34.4	30.2	26.3	23.1	20.1	17.1
70°	69.2	64.0	58.7	53.1	47.3	41.5	36.6	31.9	27.3	23.7	20.3
67.5°	81.5	75.8	69.8	63.2	56.6	50.0	43.2	37.8	32.6	27.3	23.3
65°	95.4	88.2	80.9	73.7	66.2	58.5	51.1	43.9	37.8	31.9	26.3
62.5°	109.6	101.1	92.8	84.3	76.0	67.5	58.8	51.0	43.1	36.5	30.0
60°	124.2	114.7	104.7	95.2	85.8	76.5	67.1	58.0	49.4	40.9	33.9
57.5°	139.6	128.4	117.4	106.3	95.7	85.5	75.2	65.1	55.5	46.1	37.7
55°	155.2	142.6	130.1	117.9	105.7	94.2	83.2	72.2	61.6	51.5	41.4
52.5°	171.8	157.1	143.0	129.4	116.2	103.1	91.2	79.0	67.6	56.6	45.9
50°	186.0	172.0	156.0	141.0	126.5	112.6	99.0	86.1	73.4	61.7	50.2
47.5°	197.7	184.5	169.3	152.5	136.8	121.9	107.3	93.2	79.0	66.6	54.4
45°	202.7	195.3	180.9	164.1	146.9	131.2	115.5	100.0	85.1	71.2	58.4
42.5°	205.6	200.9	190.7	175.1	157.4	140.2	123.4	107.1	91.1	75.8	62.2
40°	202.8	203.6	198.4	184.3	167.7	148.8	131.2	114.0	96.9	80.4	66.0
37.5°	199.5	203.0	200.9	193.3	177.2	157.9	138.8	120.5	102.5	85.3	69.6
35°	197.5	200.0	203.6	198.5	185.0	166.6	145.9	126.8	108.0	89.9	73.1
32.5°	195.8	197.6	201.6	200.8	192.3	174.9	153.2	132.8	113.1	94.2	76.3
30°	197.3	196.2	199.3	202.8	197.7	181.3	160.2	138.4	118.0	98.2	79.5
27.5°	199.6	194.8	197.3	201.9	199.4	187.1	166.6	143.6	122.4	101.9	82.8
25°	202.3	195.7	196.0	200.0	201.0	192.3	172.5	148.4	126.6	105.6	85.7
22.5°	206.5	197.3	194.7	198.3	202.4	197.1	177.3	153.3	130.6	108.9	88.4
20°	210.2	198.6	193.4	196.6	202.2	198.3	181.2	157.6	134.1	111.8	90.8
17.5°	214.1	200.6	194.2	195.6	200.8	199.4	184.7	161.4	137.2	114.5	92.9
15°	220.4	203.3	195.1	194.7	199.5	200.4	187.9	164.6	139.9	116.7	94.8
12.5°	225.7	205.6	195.8	193.9	198.2	201.2	190.6	167.3	142.2	118.6	96.4
10°	230.1	207.4	196.3	193.2	197.1	201.8	192.9	169.8	144.2	120.1	97.7
7.5°	233.4	208.7	196.5	192.7	196.2	202.3	195.0	172.3	146.0	121.3	98.7
5°	235.8	210.2	197.2	192.5	195.6	202.7	196.6	174.3	147.3	122.0	99.4
2.5°	237.9	212.2	198.2	192.3	195.3	202.9	197.6	175.8	148.2	122.4	99.9
0°	238.9	213.7	199.1	192.3	195.2	203.0	198.1	176.8	148.6	122.4	100.0
-2.5°	237.9	212.2	198.2	192.3	195.3	202.9	197.6	175.8	148.2	122.4	99.9
-5°	235.8	210.2	197.2	192.5	195.6	202.7	196.6	174.3	147.3	122.0	99.4
-7.5°	233.4	208.7	196.5	192.7	196.2	202.3	195.0	172.3	146.0	121.3	98.7
-10°	230.1	207.4	196.3	193.2	197.1	201.8	192.9	169.8	144.2	120.1	97.7
-12.5°	225.7	205.6	195.8	193.9	198.2	201.2	190.6	167.3	142.2	118.6	96.4
-15°	220.4	203.3	195.1	194.7	199.5	200.4	187.9	164.6	139.9	116.7	94.8
-17.5°	214.1	200.6	194.2	195.6	200.8	199.4	184.7	161.4	137.2	114.5	92.9
-20°	210.2	198.6	193.4	196.6	202.2	198.3	181.2	157.6	134.1	111.8	90.8



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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°	206.5	197.3	194.7	198.3	202.4	197.1	177.3	153.3	130.6	108.9	88.4
-25°	202.3	195.7	196.0	200.0	201.0	192.3	172.5	148.4	126.6	105.6	85.7
-27.5°	199.6	194.8	197.3	201.9	199.4	187.1	166.6	143.6	122.4	101.9	82.8
-30°	197.3	196.2	199.3	202.8	197.7	181.3	160.2	138.4	118.0	98.2	79.5
-32.5°	195.8	197.6	201.6	200.8	192.3	174.9	153.2	132.8	113.1	94.2	76.3
-35°	197.5	200.0	203.6	198.5	185.0	166.6	145.9	126.8	108.0	89.9	73.1
-37.5°	199.5	203.0	200.9	193.3	177.2	157.9	138.8	120.5	102.5	85.3	69.6
-40°	202.8	203.6	198.4	184.3	167.7	148.8	131.2	114.0	96.9	80.4	66.0
-42.5°	205.6	200.9	190.7	175.1	157.4	140.2	123.4	107.1	91.1	75.8	62.2
-45°	202.7	195.3	180.9	164.1	146.9	131.2	115.5	100.0	85.1	71.2	58.4
-47.5°	197.7	184.5	169.3	152.5	136.8	121.9	107.3	93.2	79.0	66.6	54.4
-50°	186.0	172.0	156.0	141.0	126.5	112.6	99.0	86.1	73.4	61.7	50.2
-52.5°	171.8	157.1	143.0	129.4	116.2	103.1	91.2	79.0	67.6	56.6	45.9
-55°	155.2	142.6	130.1	117.9	105.7	94.2	83.2	72.2	61.6	51.5	41.4
-57.5°	139.6	128.4	117.4	106.3	95.7	85.5	75.2	65.1	55.5	46.1	37.7
-60°	124.2	114.7	104.7	95.2	85.8	76.5	67.1	58.0	49.4	40.9	33.9
-62.5°	109.6	101.1	92.8	84.3	76.0	67.5	58.8	51.0	43.1	36.5	30.0
-65°	95.4	88.2	80.9	73.7	66.2	58.5	51.1	43.9	37.8	31.9	26.3
-67.5°	81.5	75.8	69.8	63.2	56.6	50.0	43.2	37.8	32.6	27.3	23.3
-70°	69.2	64.0	58.7	53.1	47.3	41.5	36.6	31.9	27.3	23.7	20.3
-72.5°	57.0	52.5	47.9	43.0	38.7	34.4	30.2	26.3	23.1	20.1	17.1
-75°	44.9	41.4	38.0	34.5	30.9	27.3	24.3	21.5	18.9	16.4	14.1
-77.5°	34.1	31.4	28.6	26.3	23.8	21.4	19.0	16.7	14.8	13.0	11.0
-80°	24.1	22.5	20.8	19.1	17.3	15.4	13.9	12.5	11.0	9.5	7.9
-82.5°	15.2	14.4	13.6	12.8	11.7	10.6	9.5	8.4	7.2	6.0	5.2
-85°	9.0	8.4	7.9	7.2	6.5	5.8	5.4	4.9	4.4	4.0	3.5
-87.5°	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.7
-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°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
82.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
80°	6.1	5.0	4.0	3.0	2.0	1.0	0.0
77.5°	8.8	6.6	5.0	3.8	2.5	1.3	0.0
75°	11.5	8.8	6.1	4.5	3.0	1.5	0.0
72.5°	14.2	10.9	7.8	5.2	3.5	1.7	0.0
70°	16.8	13.0	9.5	6.0	4.0	2.0	0.0
67.5°	19.4	15.1	11.1	7.2	4.4	2.2	0.0
65°	22.0	17.3	12.7	8.4	4.9	2.5	0.0
62.5°	24.6	19.5	14.3	9.6	5.4	2.7	0.0
60°	27.1	21.7	15.8	10.7	5.8	2.9	0.0
57.5°	30.3	23.8	17.5	11.8	6.5	3.1	0.0
55°	33.5	26.0	19.3	12.8	7.2	3.3	0.0
52.5°	36.6	28.1	21.0	13.9	7.9	3.5	0.0
50°	39.6	30.6	22.6	14.8	8.6	3.7	0.0
47.5°	42.6	33.1	24.2	15.9	9.3	3.9	0.0
45°	46.0	35.4	25.8	17.0	9.9	4.1	0.0
42.5°	49.2	37.6	27.3	18.2	10.5	4.3	0.0
40°	52.3	39.8	28.9	19.3	11.1	4.4	0.0
37.5°	55.1	41.8	30.5	20.3	11.7	4.6	0.0
35°	57.8	43.9	32.1	21.3	12.3	4.8	0.0
32.5°	60.4	46.0	33.5	22.2	12.8	4.9	0.0
30°	62.9	48.0	34.9	23.0	13.3	5.0	0.0
27.5°	65.4	49.7	36.0	23.8	13.7	5.1	0.0
25°	67.6	51.4	37.1	24.5	14.1	5.3	0.0
22.5°	69.6	52.8	38.0	25.1	14.5	5.4	0.0
20°	71.5	54.0	38.9	25.6	14.9	5.5	0.0
17.5°	73.1	55.1	39.6	26.0	15.2	5.5	0.0
15°	74.6	56.0	40.3	26.4	15.5	5.6	0.0
12.5°	75.8	56.8	40.8	26.7	15.8	5.7	0.0
10°	76.8	57.4	41.2	26.9	16.0	5.7	0.0
7.5°	77.6	57.9	41.5	27.1	16.2	5.8	0.0
5°	78.2	58.2	41.7	27.2	16.3	5.8	0.0
2.5°	78.6	58.3	41.8	27.2	16.4	5.8	0.0
0°	78.7	58.3	41.8	27.2	16.5	5.8	0.0
-2.5°	78.6	58.3	41.8	27.2	16.4	5.8	0.0
-5°	78.2	58.2	41.7	27.2	16.3	5.8	0.0
-7.5°	77.6	57.9	41.5	27.1	16.2	5.8	0.0
-10°	76.8	57.4	41.2	26.9	16.0	5.7	0.0
-12.5°	75.8	56.8	40.8	26.7	15.8	5.7	0.0
-15°	74.6	56.0	40.3	26.4	15.5	5.6	0.0
-17.5°	73.1	55.1	39.6	26.0	15.2	5.5	0.0
-20°	71.5	54.0	38.9	25.6	14.9	5.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	69.6	52.8	38.0	25.1	14.5	5.4	0.0
-25°	67.6	51.4	37.1	24.5	14.1	5.3	0.0
-27.5°	65.4	49.7	36.0	23.8	13.7	5.1	0.0
-30°	62.9	48.0	34.9	23.0	13.3	5.0	0.0
-32.5°	60.4	46.0	33.5	22.2	12.8	4.9	0.0
-35°	57.8	43.9	32.1	21.3	12.3	4.8	0.0
-37.5°	55.1	41.8	30.5	20.3	11.7	4.6	0.0
-40°	52.3	39.8	28.9	19.3	11.1	4.4	0.0
-42.5°	49.2	37.6	27.3	18.2	10.5	4.3	0.0
-45°	46.0	35.4	25.8	17.0	9.9	4.1	0.0
-47.5°	42.6	33.1	24.2	15.9	9.3	3.9	0.0
-50°	39.6	30.6	22.6	14.8	8.6	3.7	0.0
-52.5°	36.6	28.1	21.0	13.9	7.9	3.5	0.0
-55°	33.5	26.0	19.3	12.8	7.2	3.3	0.0
-57.5°	30.3	23.8	17.5	11.8	6.5	3.1	0.0
-60°	27.1	21.7	15.8	10.7	5.8	2.9	0.0
-62.5°	24.6	19.5	14.3	9.6	5.4	2.7	0.0
-65°	22.0	17.3	12.7	8.4	4.9	2.5	0.0
-67.5°	19.4	15.1	11.1	7.2	4.4	2.2	0.0
-70°	16.8	13.0	9.5	6.0	4.0	2.0	0.0
-72.5°	14.2	10.9	7.8	5.2	3.5	1.7	0.0
-75°	11.5	8.8	6.1	4.5	3.0	1.5	0.0
-77.5°	8.8	6.6	5.0	3.8	2.5	1.3	0.0
-80°	6.1	5.0	4.0	3.0	2.0	1.0	0.0
-82.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
-85°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)