

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: P558831 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558831 (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-SA3D-935-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

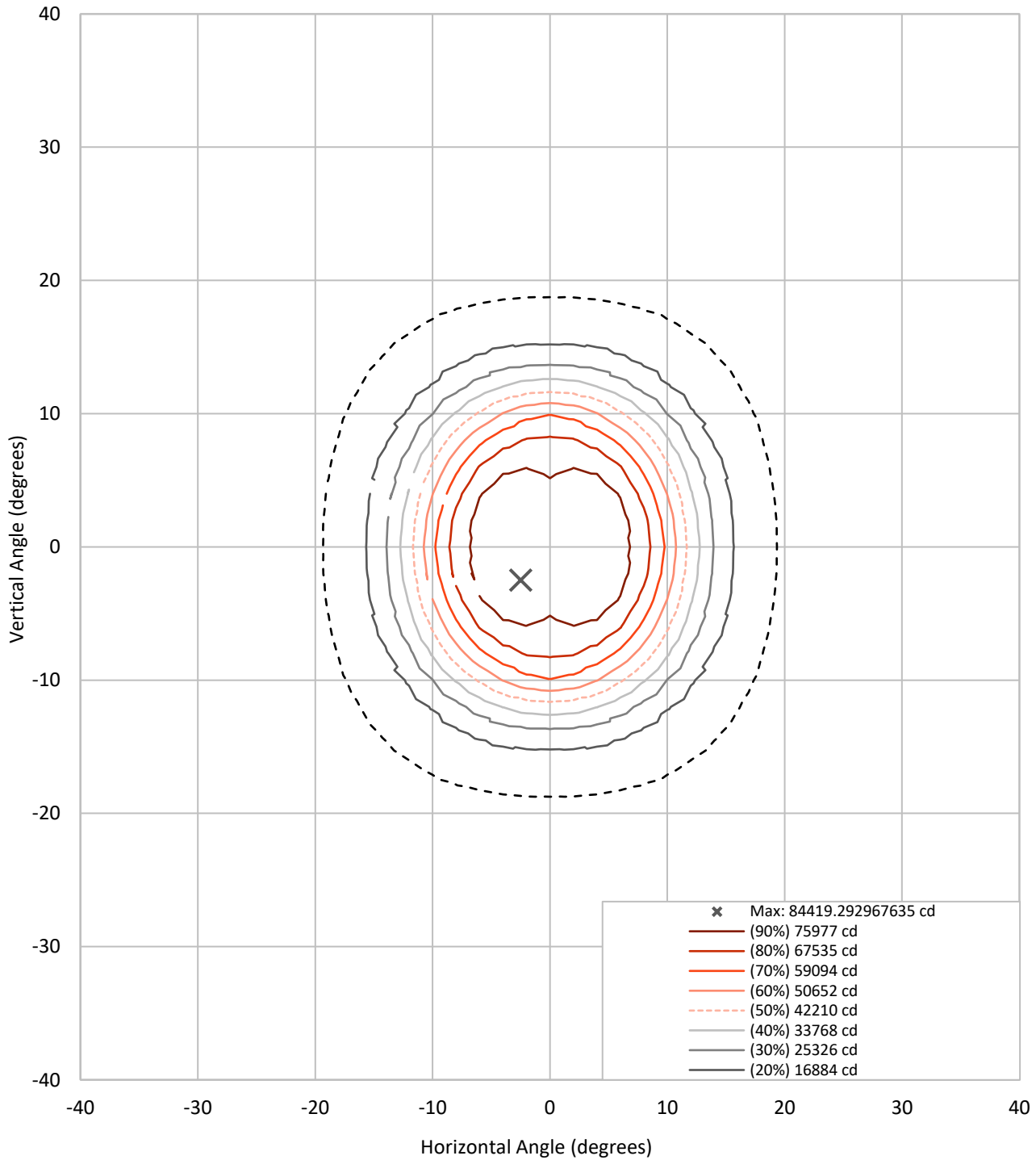
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	15963.6 lumens	Max Intensity:	84419.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	101.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	8618.2 lumens	Field Lumens:	12996.7 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 158
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: P558831 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





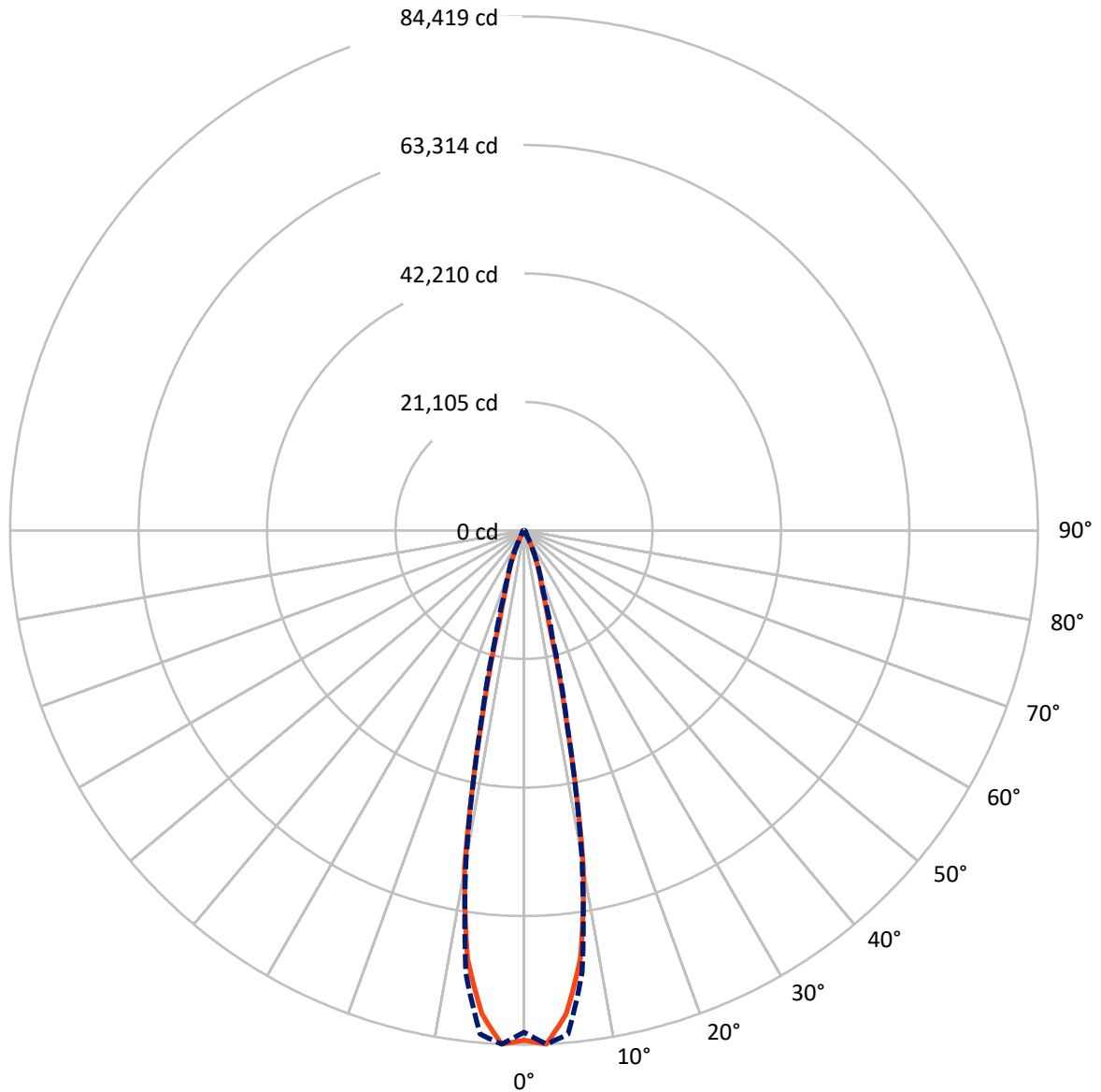
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Lumen Table

90	0.2	1.6	4.3	6.9	8.0	6.9	4.3	1.6	0.2							
80	0.2	1.6	4.3	6.9	8.0	6.9	4.3	1.6	0.2							
70	0.7	0.8	1.7	2.8	3.8	4.8	5.4	5.8	5.8	5.4	4.8	3.8	2.8	1.7	0.8	0.7
60		1.3	2.5	4.0	5.3	6.3	7.0	7.3	7.3	7.0	6.3	5.3	4.0	2.5	1.3	
50	1.4	1.7	3.2	4.8	6.2	7.5	8.6	9.2	9.2	8.6	7.5	6.2	4.8	3.2	1.7	1.4
40		2.0	3.7	5.4	7.3	9.9	13.1	15.7	15.7	13.1	9.9	7.3	5.4	3.7	2.0	
30	1.8	2.2	4.0	6.0	9.0	16.3	49.0	95.5	95.5	49.0	16.3	9.0	6.0	4.0	2.2	1.8
20		2.4	4.2	6.3	11.3	48.4	223.5	574.7	574.7	223.5	48.4	11.3	6.3	4.2	2.4	
10	1.9	2.5	4.3	6.6	13.5	94.3	582.0	2056.1	2056.1	582.0	94.3	13.5	6.6	4.3	2.5	1.9
0		2.5	4.3	6.6	13.5	94.3	582.0	2056.1	2056.1	582.0	94.3	13.5	6.6	4.3	2.5	
-10	1.8	2.4	4.2	6.3	11.3	48.4	223.5	574.7	574.7	223.5	48.4	11.3	6.3	4.2	2.4	1.8
-20		2.2	4.0	6.0	9.0	16.3	49.0	95.5	95.5	49.0	16.3	9.0	6.0	4.0	2.2	
-30	1.4	2.0	3.7	5.4	7.3	9.9	13.1	15.7	15.7	13.1	9.9	7.3	5.4	3.7	2.0	1.4
-40		1.7	3.2	4.8	6.2	7.5	8.6	9.2	9.2	8.6	7.5	6.2	4.8	3.2	1.7	
-50	0.7	1.3	2.5	4.0	5.3	6.3	7.0	7.3	7.3	7.0	6.3	5.3	4.0	2.5	1.3	0.7
-60		0.8	1.7	2.8	3.8	4.8	5.4	5.8	5.8	5.4	4.8	3.8	2.8	1.7	0.8	
-70	0.2	1.6	4.3	6.9	8.0	6.9	4.3	1.6	0.2							
-80		0.2	1.6	4.3	6.9	8.0	6.9	4.3	1.6	0.2						
-90	0.2	1.6	4.3	6.9	8.0	6.9	4.3	1.6	0.2							

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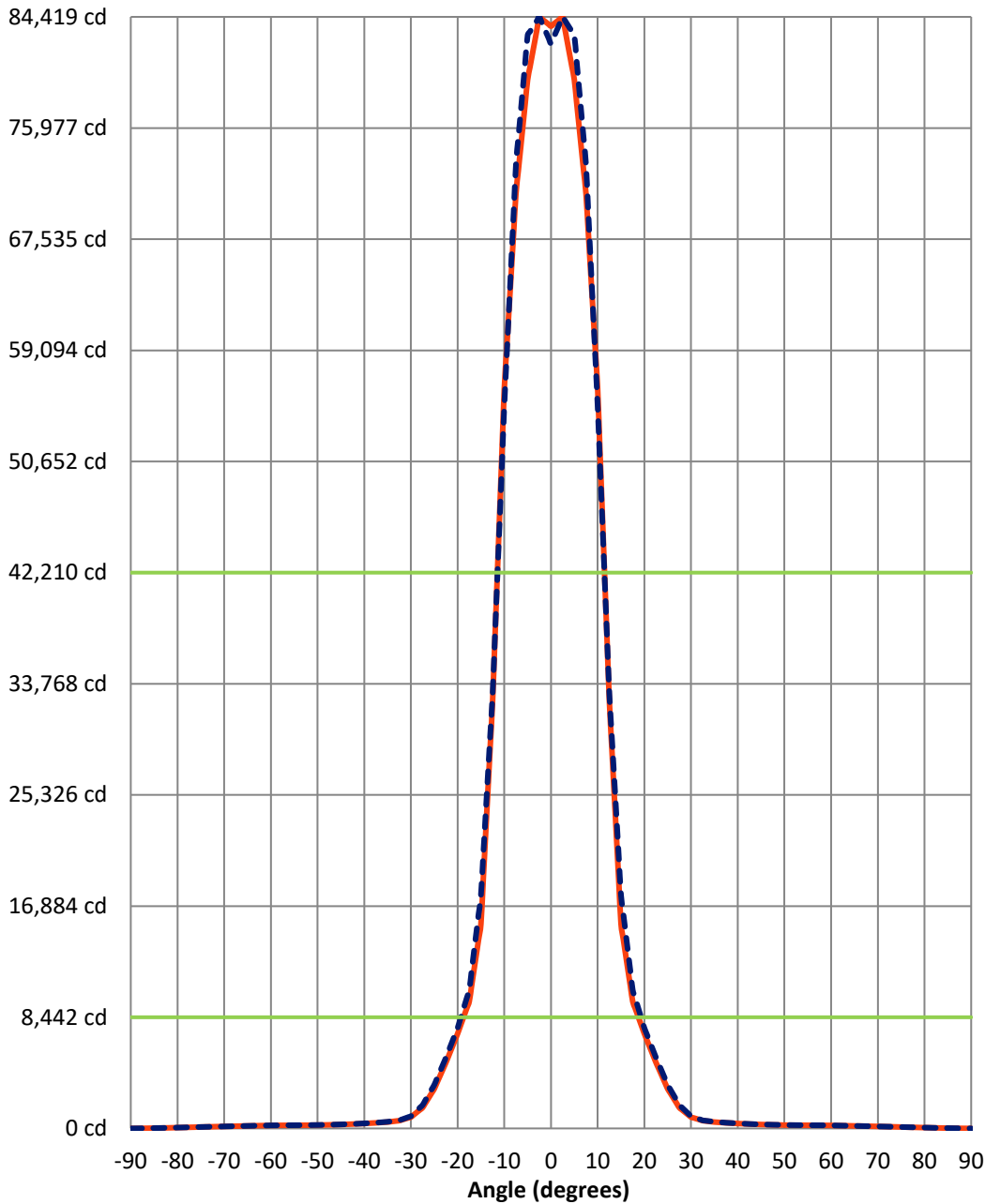
Luminous Intensity Polar Plot



— 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: 8618.2
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 12996.7
Efficiency: 81.4%

Spill:
Lumens: 2966.8
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	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.3	11.1	12.9
80°	0.0	1.6	3.1	4.7	6.2	7.8	9.4	11.7	14.1	16.6	19.1
77.5°	0.0	1.9	3.9	5.8	7.8	10.0	12.8	15.8	18.8	22.0	25.5
75°	0.0	2.3	4.7	7.0	9.4	12.9	16.2	19.8	23.6	28.0	32.2
72.5°	0.0	2.7	5.4	8.1	11.8	15.8	19.6	24.0	29.3	34.3	39.0
70°	0.0	3.1	6.1	9.3	14.2	18.7	23.1	29.0	34.9	40.5	47.1
67.5°	0.0	3.4	6.9	11.1	16.5	21.5	27.4	34.0	40.5	48.0	55.4
65°	0.0	3.8	7.6	12.9	18.8	24.7	31.7	38.9	47.1	55.4	63.8
62.5°	0.0	4.2	8.3	14.6	21.0	28.1	35.8	44.3	53.6	62.8	72.4
60°	0.0	4.5	9.0	16.3	23.2	31.4	39.8	49.9	59.9	70.4	80.9
57.5°	0.0	4.8	10.1	17.9	25.8	34.6	44.4	55.3	66.5	77.9	89.2
55°	0.0	5.2	11.2	19.6	28.3	37.8	49.0	60.6	73.0	85.2	97.3
52.5°	0.0	5.5	12.2	21.1	30.7	40.9	53.4	66.1	79.3	92.3	105.2
50°	0.0	5.8	13.2	22.7	33.0	44.5	57.7	71.6	85.4	99.2	113.1
47.5°	0.0	6.1	14.2	24.2	35.2	47.9	61.8	76.8	91.3	105.9	120.8
45°	0.0	6.4	15.2	25.8	37.3	51.2	66.2	81.9	97.1	112.6	128.4
42.5°	0.0	6.6	16.1	27.3	39.3	54.4	70.5	86.8	102.6	119.2	135.1
40°	0.0	6.9	16.9	28.7	41.5	57.4	74.5	91.5	108.1	125.6	141.4
37.5°	0.0	7.1	17.7	30.1	43.8	60.3	78.4	95.9	113.4	131.4	147.4
35°	0.0	7.4	18.5	31.4	46.0	63.2	82.1	100.1	118.4	136.3	153.1
32.5°	0.0	7.6	19.2	32.6	48.0	66.1	85.6	104.0	123.1	141.0	158.6
30°	0.0	7.8	19.9	33.7	49.9	68.8	88.8	107.8	127.4	145.4	163.6
27.5°	0.0	8.0	20.5	34.7	51.7	71.4	91.7	111.3	131.2	149.5	168.2
25°	0.0	8.2	21.1	35.7	53.4	73.7	94.4	114.5	134.6	153.3	172.2
22.5°	0.0	8.3	21.6	36.5	55.0	75.9	96.9	117.5	137.6	156.6	175.8
20°	0.0	8.5	22.1	37.3	56.5	77.8	99.2	120.1	140.3	159.5	178.9
17.5°	0.0	8.6	22.5	38.0	57.8	79.6	101.1	122.4	142.8	162.1	181.7
15°	0.0	8.7	22.9	38.6	58.9	81.1	102.8	124.4	144.9	164.2	184.1
12.5°	0.0	8.8	23.2	39.1	60.0	82.3	104.2	126.1	146.7	165.9	186.0
10°	0.0	8.9	23.4	39.5	60.8	83.3	105.4	127.4	148.2	167.6	187.6
7.5°	0.0	8.9	23.6	39.9	61.5	84.1	106.3	128.5	149.3	169.2	188.8
5°	0.0	9.0	23.8	40.1	62.1	84.7	107.0	129.3	150.1	170.3	189.5
2.5°	0.0	9.0	23.9	40.3	62.5	85.0	107.4	129.7	150.6	171.2	189.8
0°	0.0	9.0	23.9	40.3	62.7	85.1	107.5	129.9	150.8	171.7	189.6
-2.5°	0.0	9.0	23.9	40.3	62.5	85.0	107.4	129.7	150.6	171.2	189.8
-5°	0.0	9.0	23.8	40.1	62.1	84.7	107.0	129.3	150.1	170.3	189.5
-7.5°	0.0	8.9	23.6	39.9	61.5	84.1	106.3	128.5	149.3	169.2	188.8
-10°	0.0	8.9	23.4	39.5	60.8	83.3	105.4	127.4	148.2	167.6	187.6
-12.5°	0.0	8.8	23.2	39.1	60.0	82.3	104.2	126.1	146.7	165.9	186.0
-15°	0.0	8.7	22.9	38.6	58.9	81.1	102.8	124.4	144.9	164.2	184.1
-17.5°	0.0	8.6	22.5	38.0	57.8	79.6	101.1	122.4	142.8	162.1	181.7
-20°	0.0	8.5	22.1	37.3	56.5	77.8	99.2	120.1	140.3	159.5	178.9



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.3	21.6	36.5	55.0	75.9	96.9	117.5	137.6	156.6	175.8
-25°	0.0	8.2	21.1	35.7	53.4	73.7	94.4	114.5	134.6	153.3	172.2
-27.5°	0.0	8.0	20.5	34.7	51.7	71.4	91.7	111.3	131.2	149.5	168.2
-30°	0.0	7.8	19.9	33.7	49.9	68.8	88.8	107.8	127.4	145.4	163.6
-32.5°	0.0	7.6	19.2	32.6	48.0	66.1	85.6	104.0	123.1	141.0	158.6
-35°	0.0	7.4	18.5	31.4	46.0	63.2	82.1	100.1	118.4	136.3	153.1
-37.5°	0.0	7.1	17.7	30.1	43.8	60.3	78.4	95.9	113.4	131.4	147.4
-40°	0.0	6.9	16.9	28.7	41.5	57.4	74.5	91.5	108.1	125.6	141.4
-42.5°	0.0	6.6	16.1	27.3	39.3	54.4	70.5	86.8	102.6	119.2	135.1
-45°	0.0	6.4	15.2	25.8	37.3	51.2	66.2	81.9	97.1	112.6	128.4
-47.5°	0.0	6.1	14.2	24.2	35.2	47.9	61.8	76.8	91.3	105.9	120.8
-50°	0.0	5.8	13.2	22.7	33.0	44.5	57.7	71.6	85.4	99.2	113.1
-52.5°	0.0	5.5	12.2	21.1	30.7	40.9	53.4	66.1	79.3	92.3	105.2
-55°	0.0	5.2	11.2	19.6	28.3	37.8	49.0	60.6	73.0	85.2	97.3
-57.5°	0.0	4.8	10.1	17.9	25.8	34.6	44.4	55.3	66.5	77.9	89.2
-60°	0.0	4.5	9.0	16.3	23.2	31.4	39.8	49.9	59.9	70.4	80.9
-62.5°	0.0	4.2	8.3	14.6	21.0	28.1	35.8	44.3	53.6	62.8	72.4
-65°	0.0	3.8	7.6	12.9	18.8	24.7	31.7	38.9	47.1	55.4	63.8
-67.5°	0.0	3.4	6.9	11.1	16.5	21.5	27.4	34.0	40.5	48.0	55.4
-70°	0.0	3.1	6.1	9.3	14.2	18.7	23.1	29.0	34.9	40.5	47.1
-72.5°	0.0	2.7	5.4	8.1	11.8	15.8	19.6	24.0	29.3	34.3	39.0
-75°	0.0	2.3	4.7	7.0	9.4	12.9	16.2	19.8	23.6	28.0	32.2
-77.5°	0.0	1.9	3.9	5.8	7.8	10.0	12.8	15.8	18.8	22.0	25.5
-80°	0.0	1.6	3.1	4.7	6.2	7.8	9.4	11.7	14.1	16.6	19.1
-82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.3	11.1	12.9
-85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
-87.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-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°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
85°	8.3	9.0	10.0	11.0	11.8	12.6	13.3	13.9	14.8	15.7	16.6
82.5°	14.6	16.0	17.4	18.6	19.7	20.7	21.8	23.2	25.2	26.9	28.5
80°	21.2	23.1	25.3	27.6	29.9	32.2	34.5	36.8	38.9	40.9	42.9
77.5°	28.5	31.5	34.6	37.7	40.9	44.5	47.9	51.2	54.3	57.3	60.2
75°	36.1	39.9	44.4	49.0	53.4	57.7	61.8	66.1	70.2	74.1	77.8
72.5°	44.3	49.9	55.3	60.6	66.4	71.9	77.0	81.8	86.7	91.7	96.3
70°	53.6	59.9	66.7	73.6	80.4	86.5	92.5	98.7	104.9	110.2	114.8
67.5°	62.8	70.6	78.5	86.4	93.8	100.9	108.1	115.0	121.4	126.9	132.2
65°	72.4	81.2	89.9	98.4	106.7	115.0	123.0	130.4	137.3	143.5	149.4
62.5°	81.9	91.5	101.0	110.4	120.0	129.2	137.5	145.3	152.9	159.6	166.0
60°	91.2	101.6	112.0	122.5	133.0	142.6	151.5	159.7	167.4	174.9	181.5
57.5°	100.3	111.4	122.8	134.1	145.0	155.5	164.5	173.3	181.2	188.7	195.6
55°	109.2	121.0	133.2	145.2	156.6	167.3	177.0	185.8	194.2	201.1	207.7
52.5°	118.1	130.4	143.2	155.7	167.3	178.5	188.6	197.4	205.0	212.1	217.9
50°	126.7	139.7	152.8	165.4	177.5	188.8	198.9	207.4	214.8	221.3	226.8
47.5°	134.9	148.5	161.6	174.7	186.9	198.1	208.1	216.1	223.3	229.1	234.2
45°	142.6	156.8	170.4	183.2	195.6	206.7	215.9	224.0	230.5	236.4	241.6
42.5°	150.0	164.8	178.5	191.3	203.5	214.2	223.3	230.8	237.5	243.3	248.9
40°	157.1	172.6	186.4	199.0	210.9	221.1	229.6	237.2	243.8	250.3	256.5
37.5°	163.9	179.6	193.9	206.7	217.3	227.1	235.5	243.1	250.5	257.7	266.0
35°	170.5	186.4	200.9	213.5	223.9	232.4	241.0	249.3	257.9	266.8	276.6
32.5°	176.6	193.0	207.6	219.2	228.9	237.5	246.5	256.4	266.6	276.8	288.8
30°	182.0	198.8	213.6	224.5	233.4	242.1	252.5	263.9	275.8	287.7	301.6
27.5°	186.8	204.4	218.2	228.6	237.4	245.8	257.4	272.2	285.1	297.8	313.1
25°	191.1	208.8	222.3	232.2	240.4	249.4	261.5	276.6	293.0	306.8	328.1
22.5°	194.9	212.8	226.2	235.3	242.8	252.4	264.7	279.6	296.4	313.9	343.3
20°	198.2	215.8	229.4	238.0	244.6	254.6	266.5	281.7	300.4	325.5	358.2
17.5°	201.0	218.7	231.9	239.7	246.8	256.2	267.1	283.0	304.7	336.0	371.8
15°	203.5	221.7	233.9	241.2	248.5	257.8	269.6	286.1	311.2	345.7	384.4
12.5°	205.5	224.4	235.6	242.4	249.6	259.0	272.2	291.2	318.9	355.4	398.2
10°	207.0	227.0	237.0	243.4	250.1	259.7	274.5	295.1	325.3	364.4	410.4
7.5°	208.5	229.0	238.0	244.1	250.3	260.2	276.4	297.9	330.0	371.9	420.7
5°	209.6	230.3	239.0	244.6	250.2	260.3	277.8	299.7	332.9	377.5	428.4
2.5°	210.3	231.1	239.8	244.8	249.9	260.2	278.8	302.6	336.5	381.6	433.0
0°	210.5	231.4	240.4	244.9	249.4	259.8	279.2	304.6	338.9	383.7	434.5
-2.5°	210.3	231.1	239.8	244.8	249.9	260.2	278.8	302.6	336.5	381.6	433.0
-5°	209.6	230.3	239.0	244.6	250.2	260.3	277.8	299.7	332.9	377.5	428.4
-7.5°	208.5	229.0	238.0	244.1	250.3	260.2	276.4	297.9	330.0	371.9	420.7
-10°	207.0	227.0	237.0	243.4	250.1	259.7	274.5	295.1	325.3	364.4	410.4
-12.5°	205.5	224.4	235.6	242.4	249.6	259.0	272.2	291.2	318.9	355.4	398.2
-15°	203.5	221.7	233.9	241.2	248.5	257.8	269.6	286.1	311.2	345.7	384.4
-17.5°	201.0	218.7	231.9	239.7	246.8	256.2	267.1	283.0	304.7	336.0	371.8
-20°	198.2	215.8	229.4	238.0	244.6	254.6	266.5	281.7	300.4	325.5	358.2



REPORT NUMBER: P558831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	194.9	212.8	226.2	235.3	242.8	252.4	264.7	279.6	296.4	313.9	343.3
-25°	191.1	208.8	222.3	232.2	240.4	249.4	261.5	276.6	293.0	306.8	328.1
-27.5°	186.8	204.4	218.2	228.6	237.4	245.8	257.4	272.2	285.1	297.8	313.1
-30°	182.0	198.8	213.6	224.5	233.4	242.1	252.5	263.9	275.8	287.7	301.6
-32.5°	176.6	193.0	207.6	219.2	228.9	237.5	246.5	256.4	266.6	276.8	288.8
-35°	170.5	186.4	200.9	213.5	223.9	232.4	241.0	249.3	257.9	266.8	276.6
-37.5°	163.9	179.6	193.9	206.7	217.3	227.1	235.5	243.1	250.5	257.7	266.0
-40°	157.1	172.6	186.4	199.0	210.9	221.1	229.6	237.2	243.8	250.3	256.5
-42.5°	150.0	164.8	178.5	191.3	203.5	214.2	223.3	230.8	237.5	243.3	248.9
-45°	142.6	156.8	170.4	183.2	195.6	206.7	215.9	224.0	230.5	236.4	241.6
-47.5°	134.9	148.5	161.6	174.7	186.9	198.1	208.1	216.1	223.3	229.1	234.2
-50°	126.7	139.7	152.8	165.4	177.5	188.8	198.9	207.4	214.8	221.3	226.8
-52.5°	118.1	130.4	143.2	155.7	167.3	178.5	188.6	197.4	205.0	212.1	217.9
-55°	109.2	121.0	133.2	145.2	156.6	167.3	177.0	185.8	194.2	201.1	207.7
-57.5°	100.3	111.4	122.8	134.1	145.0	155.5	164.5	173.3	181.2	188.7	195.6
-60°	91.2	101.6	112.0	122.5	133.0	142.6	151.5	159.7	167.4	174.9	181.5
-62.5°	81.9	91.5	101.0	110.4	120.0	129.2	137.5	145.3	152.9	159.6	166.0
-65°	72.4	81.2	89.9	98.4	106.7	115.0	123.0	130.4	137.3	143.5	149.4
-67.5°	62.8	70.6	78.5	86.4	93.8	100.9	108.1	115.0	121.4	126.9	132.2
-70°	53.6	59.9	66.7	73.6	80.4	86.5	92.5	98.7	104.9	110.2	114.8
-72.5°	44.3	49.9	55.3	60.6	66.4	71.9	77.0	81.8	86.7	91.7	96.3
-75°	36.1	39.9	44.4	49.0	53.4	57.7	61.8	66.1	70.2	74.1	77.8
-77.5°	28.5	31.5	34.6	37.7	40.9	44.5	47.9	51.2	54.3	57.3	60.2
-80°	21.2	23.1	25.3	27.6	29.9	32.2	34.5	36.8	38.9	40.9	42.9
-82.5°	14.6	16.0	17.4	18.6	19.7	20.7	21.8	23.2	25.2	26.9	28.5
-85°	8.3	9.0	10.0	11.0	11.8	12.6	13.3	13.9	14.8	15.7	16.6
-87.5°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
-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: P558831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	7.4	7.3	7.1	7.0	6.8	7.3	7.7	8.2	8.7	8.8	8.9
85°	17.5	18.1	18.6	19.1	19.6	20.2	20.7	21.1	21.5	22.1	22.7
82.5°	29.9	31.1	32.2	33.2	34.2	35.3	36.4	37.5	38.4	39.0	39.5
80°	44.9	46.9	48.8	50.4	51.8	53.6	55.3	56.9	58.3	59.2	59.9
77.5°	63.1	65.6	68.0	70.2	72.3	74.3	76.0	77.4	78.5	79.9	81.1
75°	81.3	84.6	87.8	90.7	93.2	95.4	97.5	99.3	101.0	102.6	103.8
72.5°	100.6	104.4	107.8	110.9	113.9	116.8	119.5	121.9	124.0	125.8	127.3
70°	119.1	123.3	127.4	131.3	134.9	138.1	141.1	143.7	145.9	147.9	149.5
67.5°	137.1	141.8	146.5	150.9	154.8	158.2	161.5	164.6	167.4	169.5	170.9
65°	154.9	160.2	165.2	169.7	173.7	177.3	181.0	184.2	187.0	189.0	190.4
62.5°	172.3	178.0	182.8	187.5	192.0	195.8	198.9	201.9	204.6	206.8	208.2
60°	187.7	193.6	198.4	202.8	206.9	210.6	213.7	216.8	219.8	222.3	224.3
57.5°	201.4	206.9	211.7	215.7	219.4	222.7	225.8	228.3	230.4	231.9	233.2
55°	213.3	218.2	222.8	226.7	229.9	232.5	234.8	236.6	238.0	239.1	239.9
52.5°	223.5	228.0	232.5	236.3	238.8	241.0	243.0	245.2	246.4	246.6	246.5
50°	231.6	236.5	240.5	243.9	247.3	251.0	254.9	256.9	257.7	257.1	256.5
47.5°	239.1	243.9	248.3	252.5	257.3	263.6	270.0	273.0	272.8	271.5	270.8
45°	246.5	251.6	256.8	263.3	270.1	278.3	285.7	290.4	290.4	290.6	291.6
42.5°	254.1	260.5	267.7	276.4	285.4	294.5	302.5	308.3	312.6	317.9	322.4
40°	263.6	270.8	281.4	292.2	303.9	313.6	325.9	336.5	345.2	353.1	359.1
37.5°	274.7	284.9	298.4	312.3	327.4	342.6	357.0	370.4	381.8	394.9	404.7
35°	288.0	302.5	318.8	336.3	355.1	374.4	392.9	414.3	433.1	449.9	463.6
32.5°	303.5	321.0	341.1	364.3	387.7	413.2	439.9	467.4	493.9	521.5	549.0
30°	319.1	342.2	367.9	396.0	423.6	456.9	491.5	536.5	583.6	637.4	720.1
27.5°	338.1	365.7	395.5	427.9	465.8	508.4	575.2	658.3	800.3	906.3	1191.2
25°	356.7	388.2	426.5	468.6	519.5	597.3	756.9	941.7	1353.2	1738.4	2183.4
22.5°	375.5	414.8	460.8	512.0	600.5	800.8	1105.0	1662.1	2297.7	2972.4	3659.5
20°	394.5	440.8	498.3	583.9	769.2	1111.9	1794.8	2689.9	3593.1	4696.4	5650.6
17.5°	415.9	473.2	548.4	677.1	982.5	1716.9	2726.9	3969.0	5366.6	6785.1	7976.0
15°	433.5	500.7	601.4	853.0	1429.5	2403.8	3725.5	5409.3	7315.0	9108.1	10637.7
12.5°	453.0	531.2	663.7	995.6	1841.8	3122.9	4864.7	6936.7	9222.9	11680.0	15570.3
10°	471.0	561.9	768.1	1291.8	2317.2	3849.4	5884.8	8219.5	10992.1	15911.6	25107.9
7.5°	486.2	586.2	846.6	1512.5	2747.5	4534.9	6716.5	9316.4	13484.9	21749.9	37225.2
5°	496.5	602.4	901.2	1677.7	3090.2	5040.6	7248.2	10038.7	16028.2	28886.6	47520.3
2.5°	503.8	611.1	930.3	1774.0	3307.0	5375.4	7624.9	10524.7	17735.6	33014.5	54846.3
0°	509.2	613.7	936.2	1857.5	3380.5	5488.8	7643.5	10655.2	18321.0	34626.3	57456.7
-2.5°	503.8	611.1	930.3	1774.0	3307.0	5375.4	7624.9	10524.7	17735.6	33014.5	54846.3
-5°	496.5	602.4	901.2	1677.7	3090.2	5040.6	7248.2	10038.7	16028.2	28886.6	47520.3
-7.5°	486.2	586.2	846.6	1512.5	2747.5	4534.9	6716.5	9316.4	13484.9	21749.9	37225.2
-10°	471.0	561.9	768.1	1291.8	2317.2	3849.4	5884.8	8219.5	10992.1	15911.6	25107.9
-12.5°	453.0	531.2	663.7	995.6	1841.8	3122.9	4864.7	6936.7	9222.9	11680.0	15570.3
-15°	433.5	500.7	601.4	853.0	1429.5	2403.8	3725.5	5409.3	7315.0	9108.1	10637.7
-17.5°	415.9	473.2	548.4	677.1	982.5	1716.9	2726.9	3969.0	5366.6	6785.1	7976.0
-20°	394.5	440.8	498.3	583.9	769.2	1111.9	1794.8	2689.9	3593.1	4696.4	5650.6



REPORT NUMBER: P558831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	375.5	414.8	460.8	512.0	600.5	800.8	1105.0	1662.1	2297.7	2972.4	3659.5
-25°	356.7	388.2	426.5	468.6	519.5	597.3	756.9	941.7	1353.2	1738.4	2183.4
-27.5°	338.1	365.7	395.5	427.9	465.8	508.4	575.2	658.3	800.3	906.3	1191.2
-30°	319.1	342.2	367.9	396.0	423.6	456.9	491.5	536.5	583.6	637.4	720.1
-32.5°	303.5	321.0	341.1	364.3	387.7	413.2	439.9	467.4	493.9	521.5	549.0
-35°	288.0	302.5	318.8	336.3	355.1	374.4	392.9	414.3	433.1	449.9	463.6
-37.5°	274.7	284.9	298.4	312.3	327.4	342.6	357.0	370.4	381.8	394.9	404.7
-40°	263.6	270.8	281.4	292.2	303.9	313.6	325.9	336.5	345.2	353.1	359.1
-42.5°	254.1	260.5	267.7	276.4	285.4	294.5	302.5	308.3	312.6	317.9	322.4
-45°	246.5	251.6	256.8	263.3	270.1	278.3	285.7	290.4	290.4	290.6	291.6
-47.5°	239.1	243.9	248.3	252.5	257.3	263.6	270.0	273.0	272.8	271.5	270.8
-50°	231.6	236.5	240.5	243.9	247.3	251.0	254.9	256.9	257.7	257.1	256.5
-52.5°	223.5	228.0	232.5	236.3	238.8	241.0	243.0	245.2	246.4	246.6	246.5
-55°	213.3	218.2	222.8	226.7	229.9	232.5	234.8	236.6	238.0	239.1	239.9
-57.5°	201.4	206.9	211.7	215.7	219.4	222.7	225.8	228.3	230.4	231.9	233.2
-60°	187.7	193.6	198.4	202.8	206.9	210.6	213.7	216.8	219.8	222.3	224.3
-62.5°	172.3	178.0	182.8	187.5	192.0	195.8	198.9	201.9	204.6	206.8	208.2
-65°	154.9	160.2	165.2	169.7	173.7	177.3	181.0	184.2	187.0	189.0	190.4
-67.5°	137.1	141.8	146.5	150.9	154.8	158.2	161.5	164.6	167.4	169.5	170.9
-70°	119.1	123.3	127.4	131.3	134.9	138.1	141.1	143.7	145.9	147.9	149.5
-72.5°	100.6	104.4	107.8	110.9	113.9	116.8	119.5	121.9	124.0	125.8	127.3
-75°	81.3	84.6	87.8	90.7	93.2	95.4	97.5	99.3	101.0	102.6	103.8
-77.5°	63.1	65.6	68.0	70.2	72.3	74.3	76.0	77.4	78.5	79.9	81.1
-80°	44.9	46.9	48.8	50.4	51.8	53.6	55.3	56.9	58.3	59.2	59.9
-82.5°	29.9	31.1	32.2	33.2	34.2	35.3	36.4	37.5	38.4	39.0	39.5
-85°	17.5	18.1	18.6	19.1	19.6	20.2	20.7	21.1	21.5	22.1	22.7
-87.5°	7.4	7.3	7.1	7.0	6.8	7.3	7.7	8.2	8.7	8.8	8.9
-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: P558831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.2
85°	23.3	23.8	23.1	22.4	23.1	23.8	23.3	22.7	22.1	21.5	21.1
82.5°	39.9	40.1	40.3	40.3	40.3	40.1	39.9	39.5	39.0	38.4	37.5
80°	60.5	60.9	61.9	62.7	61.9	60.9	60.5	59.9	59.2	58.3	56.9
77.5°	82.2	83.1	83.5	83.6	83.5	83.1	82.2	81.1	79.9	78.5	77.4
75°	104.8	105.5	107.3	109.0	107.3	105.5	104.8	103.8	102.6	101.0	99.3
72.5°	128.4	129.2	130.5	131.4	130.5	129.2	128.4	127.3	125.8	124.0	121.9
70°	150.7	151.6	152.1	152.3	152.1	151.6	150.7	149.5	147.9	145.9	143.7
67.5°	171.9	172.5	172.3	171.7	172.3	172.5	171.9	170.9	169.5	167.4	164.6
65°	191.3	191.9	191.7	191.1	191.7	191.9	191.3	190.4	189.0	187.0	184.2
62.5°	209.2	209.8	210.3	210.5	210.3	209.8	209.2	208.2	206.8	204.6	201.9
60°	226.0	227.5	228.3	228.5	228.3	227.5	226.0	224.3	222.3	219.8	216.8
57.5°	234.4	235.4	235.8	235.9	235.8	235.4	234.4	233.2	231.9	230.4	228.3
55°	240.2	240.3	239.8	238.9	239.8	240.3	240.2	239.9	239.1	238.0	236.6
52.5°	246.0	245.2	244.8	244.9	244.8	245.2	246.0	246.5	246.6	246.4	245.2
50°	255.7	254.3	253.6	253.8	253.6	254.3	255.7	256.5	257.1	257.7	256.9
47.5°	271.7	272.2	272.8	273.2	272.8	272.2	271.7	270.8	271.5	272.8	273.0
45°	294.6	296.7	298.0	298.6	298.0	296.7	294.6	291.6	290.6	290.4	290.4
42.5°	326.8	329.4	330.3	330.0	330.3	329.4	326.8	322.4	317.9	312.6	308.3
40°	365.4	370.4	373.3	373.3	373.3	370.4	365.4	359.1	353.1	345.2	336.5
37.5°	413.4	420.2	423.5	422.6	423.5	420.2	413.4	404.7	394.9	381.8	370.4
35°	474.1	480.8	483.6	486.8	483.6	480.8	474.1	463.6	449.9	433.1	414.3
32.5°	570.7	584.3	589.8	582.3	589.8	584.3	570.7	549.0	521.5	493.9	467.4
30°	776.0	825.5	858.6	875.0	858.6	825.5	776.0	720.1	637.4	583.6	536.5
27.5°	1387.2	1516.9	1571.9	1602.2	1571.9	1516.9	1387.2	1191.2	906.3	800.3	658.3
25°	2564.5	2841.4	3000.8	2987.8	3000.8	2841.4	2564.5	2183.4	1738.4	1353.2	941.7
22.5°	4298.0	4734.8	4996.9	5093.2	4996.9	4734.8	4298.0	3659.5	2972.4	2297.7	1662.1
20°	6447.0	6936.8	7193.0	7231.4	7193.0	6936.8	6447.0	5650.6	4696.4	3593.1	2689.9
17.5°	8913.4	9377.8	9647.7	9644.3	9647.7	9377.8	8913.4	7976.0	6785.1	5366.6	3969.0
15°	12721.0	14518.5	15532.0	15384.0	15532.0	14518.5	12721.0	10637.7	9108.1	7315.0	5409.3
12.5°	20844.2	28023.5	32476.9	33576.6	32476.9	28023.5	20844.2	15570.3	11680.0	9222.9	6936.7
10°	36834.5	47575.2	56152.9	58631.8	56152.9	47575.2	36834.5	25107.9	15911.6	10992.1	8219.5
7.5°	52984.0	65731.5	70977.6	71587.2	70977.6	65731.5	52984.0	37225.2	21749.9	13484.9	9316.4
5°	65173.7	78144.7	79646.1	75874.8	79646.1	78144.7	65173.7	47520.3	28886.6	16028.2	10038.7
2.5°	73220.0	83019.8	84419.3	82389.4	84419.3	83019.8	73220.0	54846.3	33014.5	17735.6	10524.7
0°	75055.0	81723.5	83711.6	83928.8	83711.6	81723.5	75055.0	57456.7	34626.3	18321.0	10655.2
-2.5°	73220.0	83019.8	84419.3	82389.4	84419.3	83019.8	73220.0	54846.3	33014.5	17735.6	10524.7
-5°	65173.7	78144.7	79646.1	75874.8	79646.1	78144.7	65173.7	47520.3	28886.6	16028.2	10038.7
-7.5°	52984.0	65731.5	70977.6	71587.2	70977.6	65731.5	52984.0	37225.2	21749.9	13484.9	9316.4
-10°	36834.5	47575.2	56152.9	58631.8	56152.9	47575.2	36834.5	25107.9	15911.6	10992.1	8219.5
-12.5°	20844.2	28023.5	32476.9	33576.6	32476.9	28023.5	20844.2	15570.3	11680.0	9222.9	6936.7
-15°	12721.0	14518.5	15532.0	15384.0	15532.0	14518.5	12721.0	10637.7	9108.1	7315.0	5409.3
-17.5°	8913.4	9377.8	9647.7	9644.3	9647.7	9377.8	8913.4	7976.0	6785.1	5366.6	3969.0
-20°	6447.0	6936.8	7193.0	7231.4	7193.0	6936.8	6447.0	5650.6	4696.4	3593.1	2689.9



REPORT NUMBER: P558831 (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°	4298.0	4734.8	4996.9	5093.2	4996.9	4734.8	4298.0	3659.5	2972.4	2297.7	1662.1
-25°	2564.5	2841.4	3000.8	2987.8	3000.8	2841.4	2564.5	2183.4	1738.4	1353.2	941.7
-27.5°	1387.2	1516.9	1571.9	1602.2	1571.9	1516.9	1387.2	1191.2	906.3	800.3	658.3
-30°	776.0	825.5	858.6	875.0	858.6	825.5	776.0	720.1	637.4	583.6	536.5
-32.5°	570.7	584.3	589.8	582.3	589.8	584.3	570.7	549.0	521.5	493.9	467.4
-35°	474.1	480.8	483.6	486.8	483.6	480.8	474.1	463.6	449.9	433.1	414.3
-37.5°	413.4	420.2	423.5	422.6	423.5	420.2	413.4	404.7	394.9	381.8	370.4
-40°	365.4	370.4	373.3	373.3	373.3	370.4	365.4	359.1	353.1	345.2	336.5
-42.5°	326.8	329.4	330.3	330.0	330.3	329.4	326.8	322.4	317.9	312.6	308.3
-45°	294.6	296.7	298.0	298.6	298.0	296.7	294.6	291.6	290.6	290.4	290.4
-47.5°	271.7	272.2	272.8	273.2	272.8	272.2	271.7	270.8	271.5	272.8	273.0
-50°	255.7	254.3	253.6	253.8	253.6	254.3	255.7	256.5	257.1	257.7	256.9
-52.5°	246.0	245.2	244.8	244.9	244.8	245.2	246.0	246.5	246.6	246.4	245.2
-55°	240.2	240.3	239.8	238.9	239.8	240.3	240.2	239.9	239.1	238.0	236.6
-57.5°	234.4	235.4	235.8	235.9	235.8	235.4	234.4	233.2	231.9	230.4	228.3
-60°	226.0	227.5	228.3	228.5	228.3	227.5	226.0	224.3	222.3	219.8	216.8
-62.5°	209.2	209.8	210.3	210.5	210.3	209.8	209.2	208.2	206.8	204.6	201.9
-65°	191.3	191.9	191.7	191.1	191.7	191.9	191.3	190.4	189.0	187.0	184.2
-67.5°	171.9	172.5	172.3	171.7	172.3	172.5	171.9	170.9	169.5	167.4	164.6
-70°	150.7	151.6	152.1	152.3	152.1	151.6	150.7	149.5	147.9	145.9	143.7
-72.5°	128.4	129.2	130.5	131.4	130.5	129.2	128.4	127.3	125.8	124.0	121.9
-75°	104.8	105.5	107.3	109.0	107.3	105.5	104.8	103.8	102.6	101.0	99.3
-77.5°	82.2	83.1	83.5	83.6	83.5	83.1	82.2	81.1	79.9	78.5	77.4
-80°	60.5	60.9	61.9	62.7	61.9	60.9	60.5	59.9	59.2	58.3	56.9
-82.5°	39.9	40.1	40.3	40.3	40.3	40.1	39.9	39.5	39.0	38.4	37.5
-85°	23.3	23.8	23.1	22.4	23.1	23.8	23.3	22.7	22.1	21.5	21.1
-87.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	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



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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°	7.7	7.3	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
85°	20.7	20.2	19.6	19.1	18.6	18.1	17.5	16.6	15.7	14.8	13.9
82.5°	36.4	35.3	34.2	33.2	32.2	31.1	29.9	28.5	26.9	25.2	23.2
80°	55.3	53.6	51.8	50.4	48.8	46.9	44.9	42.9	40.9	38.9	36.8
77.5°	76.0	74.3	72.3	70.2	68.0	65.6	63.1	60.2	57.3	54.3	51.2
75°	97.5	95.4	93.2	90.7	87.8	84.6	81.3	77.8	74.1	70.2	66.1
72.5°	119.5	116.8	113.9	110.9	107.8	104.4	100.6	96.3	91.7	86.7	81.8
70°	141.1	138.1	134.9	131.3	127.4	123.3	119.1	114.8	110.2	104.9	98.7
67.5°	161.5	158.2	154.8	150.9	146.5	141.8	137.1	132.2	126.9	121.4	115.0
65°	181.0	177.3	173.7	169.7	165.2	160.2	154.9	149.4	143.5	137.3	130.4
62.5°	198.9	195.8	192.0	187.5	182.8	178.0	172.3	166.0	159.6	152.9	145.3
60°	213.7	210.6	206.9	202.8	198.4	193.6	187.7	181.5	174.9	167.4	159.7
57.5°	225.8	222.7	219.4	215.7	211.7	206.9	201.4	195.6	188.7	181.2	173.3
55°	234.8	232.5	229.9	226.7	222.8	218.2	213.3	207.7	201.1	194.2	185.8
52.5°	243.0	241.0	238.8	236.3	232.5	228.0	223.5	217.9	212.1	205.0	197.4
50°	254.9	251.0	247.3	243.9	240.5	236.5	231.6	226.8	221.3	214.8	207.4
47.5°	270.0	263.6	257.3	252.5	248.3	243.9	239.1	234.2	229.1	223.3	216.1
45°	285.7	278.3	270.1	263.3	256.8	251.6	246.5	241.6	236.4	230.5	224.0
42.5°	302.5	294.5	285.4	276.4	267.7	260.5	254.1	248.9	243.3	237.5	230.8
40°	325.9	313.6	303.9	292.2	281.4	270.8	263.6	256.5	250.3	243.8	237.2
37.5°	357.0	342.6	327.4	312.3	298.4	284.9	274.7	266.0	257.7	250.5	243.1
35°	392.9	374.4	355.1	336.3	318.8	302.5	288.0	276.6	266.8	257.9	249.3
32.5°	439.9	413.2	387.7	364.3	341.1	321.0	303.5	288.8	276.8	266.6	256.4
30°	491.5	456.9	423.6	396.0	367.9	342.2	319.1	301.6	287.7	275.8	263.9
27.5°	575.2	508.4	465.8	427.9	395.5	365.7	338.1	313.1	297.8	285.1	272.2
25°	756.9	597.3	519.5	468.6	426.5	388.2	356.7	328.1	306.8	293.0	276.6
22.5°	1105.0	800.8	600.5	512.0	460.8	414.8	375.5	343.3	313.9	296.4	279.6
20°	1794.8	1111.9	769.2	583.9	498.3	440.8	394.5	358.2	325.5	300.4	281.7
17.5°	2726.9	1716.9	982.5	677.1	548.4	473.2	415.9	371.8	336.0	304.7	283.0
15°	3725.5	2403.8	1429.5	853.0	601.4	500.7	433.5	384.4	345.7	311.2	286.1
12.5°	4864.7	3122.9	1841.8	995.6	663.7	531.2	453.0	398.2	355.4	318.9	291.2
10°	5884.8	3849.4	2317.2	1291.8	768.1	561.9	471.0	410.4	364.4	325.3	295.1
7.5°	6716.5	4534.9	2747.5	1512.5	846.6	586.2	486.2	420.7	371.9	330.0	297.9
5°	7248.2	5040.6	3090.2	1677.7	901.2	602.4	496.5	428.4	377.5	332.9	299.7
2.5°	7624.9	5375.4	3307.0	1774.0	930.3	611.1	503.8	433.0	381.6	336.5	302.6
0°	7643.5	5488.8	3380.5	1857.5	936.2	613.7	509.2	434.5	383.7	338.9	304.6
-2.5°	7624.9	5375.4	3307.0	1774.0	930.3	611.1	503.8	433.0	381.6	336.5	302.6
-5°	7248.2	5040.6	3090.2	1677.7	901.2	602.4	496.5	428.4	377.5	332.9	299.7
-7.5°	6716.5	4534.9	2747.5	1512.5	846.6	586.2	486.2	420.7	371.9	330.0	297.9
-10°	5884.8	3849.4	2317.2	1291.8	768.1	561.9	471.0	410.4	364.4	325.3	295.1
-12.5°	4864.7	3122.9	1841.8	995.6	663.7	531.2	453.0	398.2	355.4	318.9	291.2
-15°	3725.5	2403.8	1429.5	853.0	601.4	500.7	433.5	384.4	345.7	311.2	286.1
-17.5°	2726.9	1716.9	982.5	677.1	548.4	473.2	415.9	371.8	336.0	304.7	283.0
-20°	1794.8	1111.9	769.2	583.9	498.3	440.8	394.5	358.2	325.5	300.4	281.7



REPORT NUMBER: P558831 (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°	1105.0	800.8	600.5	512.0	460.8	414.8	375.5	343.3	313.9	296.4	279.6
-25°	756.9	597.3	519.5	468.6	426.5	388.2	356.7	328.1	306.8	293.0	276.6
-27.5°	575.2	508.4	465.8	427.9	395.5	365.7	338.1	313.1	297.8	285.1	272.2
-30°	491.5	456.9	423.6	396.0	367.9	342.2	319.1	301.6	287.7	275.8	263.9
-32.5°	439.9	413.2	387.7	364.3	341.1	321.0	303.5	288.8	276.8	266.6	256.4
-35°	392.9	374.4	355.1	336.3	318.8	302.5	288.0	276.6	266.8	257.9	249.3
-37.5°	357.0	342.6	327.4	312.3	298.4	284.9	274.7	266.0	257.7	250.5	243.1
-40°	325.9	313.6	303.9	292.2	281.4	270.8	263.6	256.5	250.3	243.8	237.2
-42.5°	302.5	294.5	285.4	276.4	267.7	260.5	254.1	248.9	243.3	237.5	230.8
-45°	285.7	278.3	270.1	263.3	256.8	251.6	246.5	241.6	236.4	230.5	224.0
-47.5°	270.0	263.6	257.3	252.5	248.3	243.9	239.1	234.2	229.1	223.3	216.1
-50°	254.9	251.0	247.3	243.9	240.5	236.5	231.6	226.8	221.3	214.8	207.4
-52.5°	243.0	241.0	238.8	236.3	232.5	228.0	223.5	217.9	212.1	205.0	197.4
-55°	234.8	232.5	229.9	226.7	222.8	218.2	213.3	207.7	201.1	194.2	185.8
-57.5°	225.8	222.7	219.4	215.7	211.7	206.9	201.4	195.6	188.7	181.2	173.3
-60°	213.7	210.6	206.9	202.8	198.4	193.6	187.7	181.5	174.9	167.4	159.7
-62.5°	198.9	195.8	192.0	187.5	182.8	178.0	172.3	166.0	159.6	152.9	145.3
-65°	181.0	177.3	173.7	169.7	165.2	160.2	154.9	149.4	143.5	137.3	130.4
-67.5°	161.5	158.2	154.8	150.9	146.5	141.8	137.1	132.2	126.9	121.4	115.0
-70°	141.1	138.1	134.9	131.3	127.4	123.3	119.1	114.8	110.2	104.9	98.7
-72.5°	119.5	116.8	113.9	110.9	107.8	104.4	100.6	96.3	91.7	86.7	81.8
-75°	97.5	95.4	93.2	90.7	87.8	84.6	81.3	77.8	74.1	70.2	66.1
-77.5°	76.0	74.3	72.3	70.2	68.0	65.6	63.1	60.2	57.3	54.3	51.2
-80°	55.3	53.6	51.8	50.4	48.8	46.9	44.9	42.9	40.9	38.9	36.8
-82.5°	36.4	35.3	34.2	33.2	32.2	31.1	29.9	28.5	26.9	25.2	23.2
-85°	20.7	20.2	19.6	19.1	18.6	18.1	17.5	16.6	15.7	14.8	13.9
-87.5°	7.7	7.3	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	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: P558831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
85°	13.3	12.6	11.8	11.0	10.0	9.0	8.3	7.6	6.9	6.1	5.4
82.5°	21.8	20.7	19.7	18.6	17.4	16.0	14.6	12.9	11.1	9.3	8.1
80°	34.5	32.2	29.9	27.6	25.3	23.1	21.2	19.1	16.6	14.1	11.7
77.5°	47.9	44.5	40.9	37.7	34.6	31.5	28.5	25.5	22.0	18.8	15.8
75°	61.8	57.7	53.4	49.0	44.4	39.9	36.1	32.2	28.0	23.6	19.8
72.5°	77.0	71.9	66.4	60.6	55.3	49.9	44.3	39.0	34.3	29.3	24.0
70°	92.5	86.5	80.4	73.6	66.7	59.9	53.6	47.1	40.5	34.9	29.0
67.5°	108.1	100.9	93.8	86.4	78.5	70.6	62.8	55.4	48.0	40.5	34.0
65°	123.0	115.0	106.7	98.4	89.9	81.2	72.4	63.8	55.4	47.1	38.9
62.5°	137.5	129.2	120.0	110.4	101.0	91.5	81.9	72.4	62.8	53.6	44.3
60°	151.5	142.6	133.0	122.5	112.0	101.6	91.2	80.9	70.4	59.9	49.9
57.5°	164.5	155.5	145.0	134.1	122.8	111.4	100.3	89.2	77.9	66.5	55.3
55°	177.0	167.3	156.6	145.2	133.2	121.0	109.2	97.3	85.2	73.0	60.6
52.5°	188.6	178.5	167.3	155.7	143.2	130.4	118.1	105.2	92.3	79.3	66.1
50°	198.9	188.8	177.5	165.4	152.8	139.7	126.7	113.1	99.2	85.4	71.6
47.5°	208.1	198.1	186.9	174.7	161.6	148.5	134.9	120.8	105.9	91.3	76.8
45°	215.9	206.7	195.6	183.2	170.4	156.8	142.6	128.4	112.6	97.1	81.9
42.5°	223.3	214.2	203.5	191.3	178.5	164.8	150.0	135.1	119.2	102.6	86.8
40°	229.6	221.1	210.9	199.0	186.4	172.6	157.1	141.4	125.6	108.1	91.5
37.5°	235.5	227.1	217.3	206.7	193.9	179.6	163.9	147.4	131.4	113.4	95.9
35°	241.0	232.4	223.9	213.5	200.9	186.4	170.5	153.1	136.3	118.4	100.1
32.5°	246.5	237.5	228.9	219.2	207.6	193.0	176.6	158.6	141.0	123.1	104.0
30°	252.5	242.1	233.4	224.5	213.6	198.8	182.0	163.6	145.4	127.4	107.8
27.5°	257.4	245.8	237.4	228.6	218.2	204.4	186.8	168.2	149.5	131.2	111.3
25°	261.5	249.4	240.4	232.2	222.3	208.8	191.1	172.2	153.3	134.6	114.5
22.5°	264.7	252.4	242.8	235.3	226.2	212.8	194.9	175.8	156.6	137.6	117.5
20°	266.5	254.6	244.6	238.0	229.4	215.8	198.2	178.9	159.5	140.3	120.1
17.5°	267.1	256.2	246.8	239.7	231.9	218.7	201.0	181.7	162.1	142.8	122.4
15°	269.6	257.8	248.5	241.2	233.9	221.7	203.5	184.1	164.2	144.9	124.4
12.5°	272.2	259.0	249.6	242.4	235.6	224.4	205.5	186.0	165.9	146.7	126.1
10°	274.5	259.7	250.1	243.4	237.0	227.0	207.0	187.6	167.6	148.2	127.4
7.5°	276.4	260.2	250.3	244.1	238.0	229.0	208.5	188.8	169.2	149.3	128.5
5°	277.8	260.3	250.2	244.6	239.0	230.3	209.6	189.5	170.3	150.1	129.3
2.5°	278.8	260.2	249.9	244.8	239.8	231.1	210.3	189.8	171.2	150.6	129.7
0°	279.2	259.8	249.4	244.9	240.4	231.4	210.5	189.6	171.7	150.8	129.9
-2.5°	278.8	260.2	249.9	244.8	239.8	231.1	210.3	189.8	171.2	150.6	129.7
-5°	277.8	260.3	250.2	244.6	239.0	230.3	209.6	189.5	170.3	150.1	129.3
-7.5°	276.4	260.2	250.3	244.1	238.0	229.0	208.5	188.8	169.2	149.3	128.5
-10°	274.5	259.7	250.1	243.4	237.0	227.0	207.0	187.6	167.6	148.2	127.4
-12.5°	272.2	259.0	249.6	242.4	235.6	224.4	205.5	186.0	165.9	146.7	126.1
-15°	269.6	257.8	248.5	241.2	233.9	221.7	203.5	184.1	164.2	144.9	124.4
-17.5°	267.1	256.2	246.8	239.7	231.9	218.7	201.0	181.7	162.1	142.8	122.4
-20°	266.5	254.6	244.6	238.0	229.4	215.8	198.2	178.9	159.5	140.3	120.1



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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°	264.7	252.4	242.8	235.3	226.2	212.8	194.9	175.8	156.6	137.6	117.5
-25°	261.5	249.4	240.4	232.2	222.3	208.8	191.1	172.2	153.3	134.6	114.5
-27.5°	257.4	245.8	237.4	228.6	218.2	204.4	186.8	168.2	149.5	131.2	111.3
-30°	252.5	242.1	233.4	224.5	213.6	198.8	182.0	163.6	145.4	127.4	107.8
-32.5°	246.5	237.5	228.9	219.2	207.6	193.0	176.6	158.6	141.0	123.1	104.0
-35°	241.0	232.4	223.9	213.5	200.9	186.4	170.5	153.1	136.3	118.4	100.1
-37.5°	235.5	227.1	217.3	206.7	193.9	179.6	163.9	147.4	131.4	113.4	95.9
-40°	229.6	221.1	210.9	199.0	186.4	172.6	157.1	141.4	125.6	108.1	91.5
-42.5°	223.3	214.2	203.5	191.3	178.5	164.8	150.0	135.1	119.2	102.6	86.8
-45°	215.9	206.7	195.6	183.2	170.4	156.8	142.6	128.4	112.6	97.1	81.9
-47.5°	208.1	198.1	186.9	174.7	161.6	148.5	134.9	120.8	105.9	91.3	76.8
-50°	198.9	188.8	177.5	165.4	152.8	139.7	126.7	113.1	99.2	85.4	71.6
-52.5°	188.6	178.5	167.3	155.7	143.2	130.4	118.1	105.2	92.3	79.3	66.1
-55°	177.0	167.3	156.6	145.2	133.2	121.0	109.2	97.3	85.2	73.0	60.6
-57.5°	164.5	155.5	145.0	134.1	122.8	111.4	100.3	89.2	77.9	66.5	55.3
-60°	151.5	142.6	133.0	122.5	112.0	101.6	91.2	80.9	70.4	59.9	49.9
-62.5°	137.5	129.2	120.0	110.4	101.0	91.5	81.9	72.4	62.8	53.6	44.3
-65°	123.0	115.0	106.7	98.4	89.9	81.2	72.4	63.8	55.4	47.1	38.9
-67.5°	108.1	100.9	93.8	86.4	78.5	70.6	62.8	55.4	48.0	40.5	34.0
-70°	92.5	86.5	80.4	73.6	66.7	59.9	53.6	47.1	40.5	34.9	29.0
-72.5°	77.0	71.9	66.4	60.6	55.3	49.9	44.3	39.0	34.3	29.3	24.0
-75°	61.8	57.7	53.4	49.0	44.4	39.9	36.1	32.2	28.0	23.6	19.8
-77.5°	47.9	44.5	40.9	37.7	34.6	31.5	28.5	25.5	22.0	18.8	15.8
-80°	34.5	32.2	29.9	27.6	25.3	23.1	21.2	19.1	16.6	14.1	11.7
-82.5°	21.8	20.7	19.7	18.6	17.4	16.0	14.6	12.9	11.1	9.3	8.1
-85°	13.3	12.6	11.8	11.0	10.0	9.0	8.3	7.6	6.9	6.1	5.4
-87.5°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
-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°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
80°	9.4	7.8	6.2	4.7	3.1	1.6	0.0
77.5°	12.8	10.0	7.8	5.8	3.9	1.9	0.0
75°	16.2	12.9	9.4	7.0	4.7	2.3	0.0
72.5°	19.6	15.8	11.8	8.1	5.4	2.7	0.0
70°	23.1	18.7	14.2	9.3	6.1	3.1	0.0
67.5°	27.4	21.5	16.5	11.1	6.9	3.4	0.0
65°	31.7	24.7	18.8	12.9	7.6	3.8	0.0
62.5°	35.8	28.1	21.0	14.6	8.3	4.2	0.0
60°	39.8	31.4	23.2	16.3	9.0	4.5	0.0
57.5°	44.4	34.6	25.8	17.9	10.1	4.8	0.0
55°	49.0	37.8	28.3	19.6	11.2	5.2	0.0
52.5°	53.4	40.9	30.7	21.1	12.2	5.5	0.0
50°	57.7	44.5	33.0	22.7	13.2	5.8	0.0
47.5°	61.8	47.9	35.2	24.2	14.2	6.1	0.0
45°	66.2	51.2	37.3	25.8	15.2	6.4	0.0
42.5°	70.5	54.4	39.3	27.3	16.1	6.6	0.0
40°	74.5	57.4	41.5	28.7	16.9	6.9	0.0
37.5°	78.4	60.3	43.8	30.1	17.7	7.1	0.0
35°	82.1	63.2	46.0	31.4	18.5	7.4	0.0
32.5°	85.6	66.1	48.0	32.6	19.2	7.6	0.0
30°	88.8	68.8	49.9	33.7	19.9	7.8	0.0
27.5°	91.7	71.4	51.7	34.7	20.5	8.0	0.0
25°	94.4	73.7	53.4	35.7	21.1	8.2	0.0
22.5°	96.9	75.9	55.0	36.5	21.6	8.3	0.0
20°	99.2	77.8	56.5	37.3	22.1	8.5	0.0
17.5°	101.1	79.6	57.8	38.0	22.5	8.6	0.0
15°	102.8	81.1	58.9	38.6	22.9	8.7	0.0
12.5°	104.2	82.3	60.0	39.1	23.2	8.8	0.0
10°	105.4	83.3	60.8	39.5	23.4	8.9	0.0
7.5°	106.3	84.1	61.5	39.9	23.6	8.9	0.0
5°	107.0	84.7	62.1	40.1	23.8	9.0	0.0
2.5°	107.4	85.0	62.5	40.3	23.9	9.0	0.0
0°	107.5	85.1	62.7	40.3	23.9	9.0	0.0
-2.5°	107.4	85.0	62.5	40.3	23.9	9.0	0.0
-5°	107.0	84.7	62.1	40.1	23.8	9.0	0.0
-7.5°	106.3	84.1	61.5	39.9	23.6	8.9	0.0
-10°	105.4	83.3	60.8	39.5	23.4	8.9	0.0
-12.5°	104.2	82.3	60.0	39.1	23.2	8.8	0.0
-15°	102.8	81.1	58.9	38.6	22.9	8.7	0.0
-17.5°	101.1	79.6	57.8	38.0	22.5	8.6	0.0
-20°	99.2	77.8	56.5	37.3	22.1	8.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	96.9	75.9	55.0	36.5	21.6	8.3	0.0
-25°	94.4	73.7	53.4	35.7	21.1	8.2	0.0
-27.5°	91.7	71.4	51.7	34.7	20.5	8.0	0.0
-30°	88.8	68.8	49.9	33.7	19.9	7.8	0.0
-32.5°	85.6	66.1	48.0	32.6	19.2	7.6	0.0
-35°	82.1	63.2	46.0	31.4	18.5	7.4	0.0
-37.5°	78.4	60.3	43.8	30.1	17.7	7.1	0.0
-40°	74.5	57.4	41.5	28.7	16.9	6.9	0.0
-42.5°	70.5	54.4	39.3	27.3	16.1	6.6	0.0
-45°	66.2	51.2	37.3	25.8	15.2	6.4	0.0
-47.5°	61.8	47.9	35.2	24.2	14.2	6.1	0.0
-50°	57.7	44.5	33.0	22.7	13.2	5.8	0.0
-52.5°	53.4	40.9	30.7	21.1	12.2	5.5	0.0
-55°	49.0	37.8	28.3	19.6	11.2	5.2	0.0
-57.5°	44.4	34.6	25.8	17.9	10.1	4.8	0.0
-60°	39.8	31.4	23.2	16.3	9.0	4.5	0.0
-62.5°	35.8	28.1	21.0	14.6	8.3	4.2	0.0
-65°	31.7	24.7	18.8	12.9	7.6	3.8	0.0
-67.5°	27.4	21.5	16.5	11.1	6.9	3.4	0.0
-70°	23.1	18.7	14.2	9.3	6.1	3.1	0.0
-72.5°	19.6	15.8	11.8	8.1	5.4	2.7	0.0
-75°	16.2	12.9	9.4	7.0	4.7	2.3	0.0
-77.5°	12.8	10.0	7.8	5.8	3.9	1.9	0.0
-80°	9.4	7.8	6.2	4.7	3.1	1.6	0.0
-82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
-85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-87.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)