

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: P558924 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558924 (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-SA4C-935-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

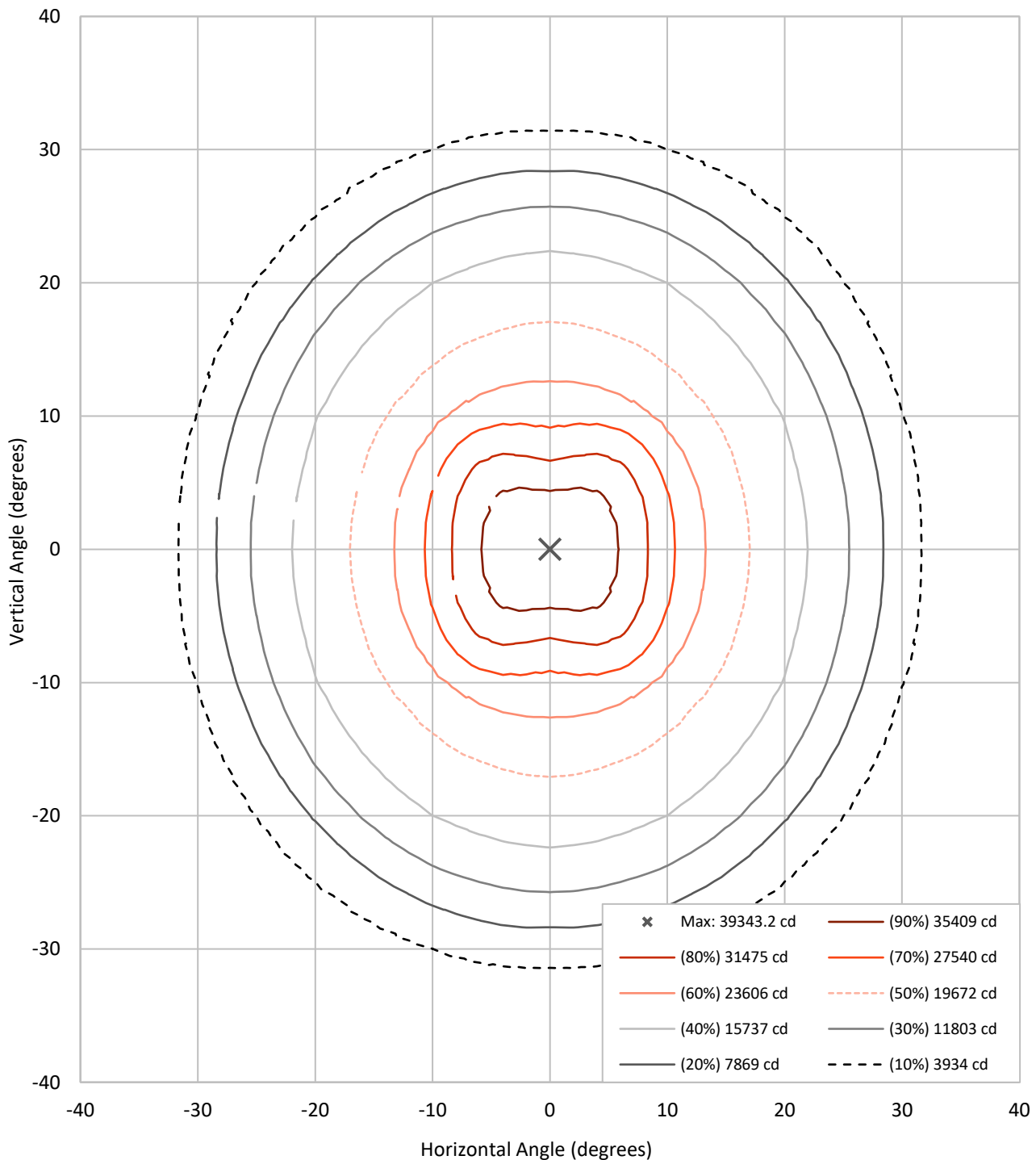
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	17404.4 lumens	Max Intensity:	39343.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	7413.1 lumens	Field Lumens:	15151 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 164
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: P558924 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





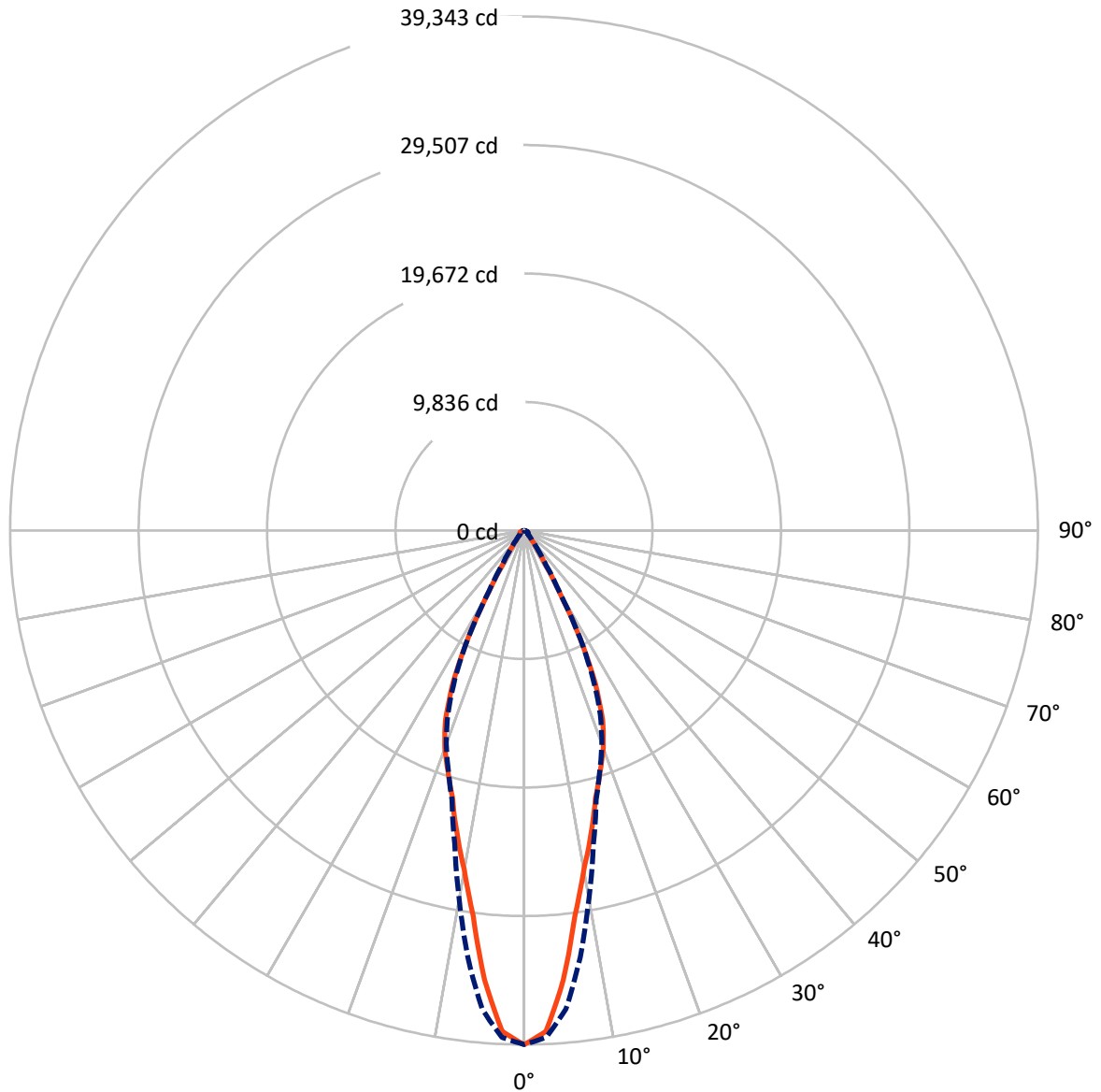
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Lumen Table

90																
80	0.2	1.9		5.4		8.9		10.4		8.9		5.4		1.9		0.2
70																
60	0.9	1.0	2.2	3.8	5.6	7.2	8.5	9.2	9.2	8.5	7.2	5.6	3.8	2.2	1.0	0.9
50		1.6	3.6	6.2	8.4	9.5	10.0	10.3	10.3	10.0	9.5	8.4	6.2	3.6	1.6	
40	1.7	2.3	4.9	7.4	8.7	10.7	13.8	15.9	15.9	13.8	10.7	8.7	7.4	4.9	2.3	1.7
30		2.9	5.8	7.5	11.2	22.2	42.2	64.4	64.4	42.2	22.2	11.2	7.5	5.8	2.9	
20	2.3	3.3	5.9	8.3	20.4	67.7	213.0	350.6	350.6	213.0	67.7	20.4	8.3	5.9	3.3	2.3
10		3.6	5.9	10.3	38.0	200.7	474.4	628.3	628.3	474.4	200.7	38.0	10.3	5.9	3.6	
0	2.5	3.8	5.9	11.9	57.8	316.2	616.9	973.5	973.5	616.9	316.2	57.8	11.9	5.9	3.8	2.5
-10		3.8	5.9	11.9	57.8	316.2	616.9	973.5	973.5	616.9	316.2	57.8	11.9	5.9	3.8	
-20	2.3	3.6	5.9	10.3	38.0	200.7	474.4	628.3	628.3	474.4	200.7	38.0	10.3	5.9	3.6	2.3
-30		3.3	5.9	8.3	20.4	67.7	213.0	350.6	350.6	213.0	67.7	20.4	8.3	5.9	3.3	
-40	1.7	2.9	5.8	7.5	11.2	22.2	42.2	64.4	64.4	42.2	22.2	11.2	7.5	5.8	2.9	1.7
-50		2.3	4.9	7.4	8.7	10.7	13.8	15.9	15.9	13.8	10.7	8.7	7.4	4.9	2.3	
-60	0.9	1.6	3.6	6.2	8.4	9.5	10.0	10.3	10.3	10.0	9.5	8.4	6.2	3.6	1.6	0.9
-70		1.0	2.2	3.8	5.6	7.2	8.5	9.2	9.2	8.5	7.2	5.6	3.8	2.2	1.0	
-80																
-90	0.2	1.9		5.4		8.9		10.4		8.9		5.4		1.9		0.2

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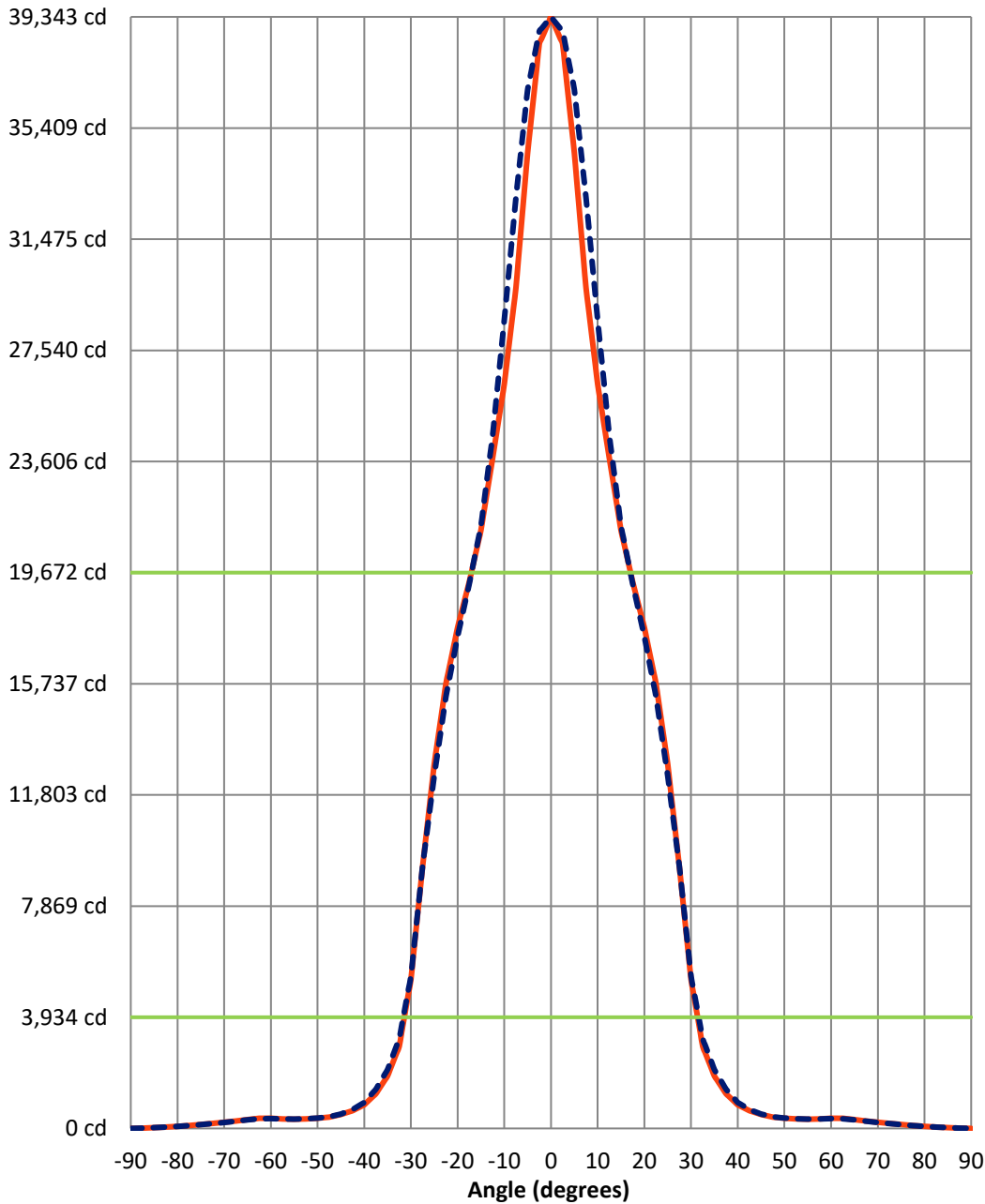
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 7413.1
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 15151
Efficiency: 87.1%

Spill:
Lumens: 2253.4
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	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
85°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.6	8.4
82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.4	12.5	14.4
80°	0.0	1.7	3.5	5.2	6.9	8.6	10.6	13.6	16.4	19.0	21.5
77.5°	0.0	2.2	4.3	6.5	8.6	11.3	15.2	18.9	22.3	25.5	28.8
75°	0.0	2.6	5.2	7.7	10.5	15.1	19.8	24.2	28.3	32.6	37.0
72.5°	0.0	3.0	6.0	9.0	13.4	18.8	24.4	29.5	34.6	39.8	45.1
70°	0.0	3.4	6.8	10.4	16.3	22.5	28.8	34.8	40.8	46.9	54.8
67.5°	0.0	3.8	7.6	12.5	19.1	26.0	33.3	40.1	46.9	55.9	64.8
65°	0.0	4.2	8.4	14.5	21.9	29.7	37.8	45.2	54.8	64.8	75.5
62.5°	0.0	4.6	9.2	16.5	24.6	33.5	42.2	51.5	62.6	74.1	87.7
60°	0.0	5.0	10.0	18.4	27.2	37.3	46.5	58.2	70.3	84.9	99.7
57.5°	0.0	5.4	11.2	20.3	30.2	40.9	52.0	64.8	79.3	95.5	112.0
55°	0.0	5.7	12.5	22.1	33.2	44.6	57.5	71.2	88.5	105.9	124.1
52.5°	0.0	6.1	13.7	23.9	36.0	48.3	62.9	78.8	97.4	116.2	135.7
50°	0.0	6.4	14.9	25.6	38.9	52.6	68.1	86.3	106.1	126.2	148.0
47.5°	0.0	6.8	16.0	27.3	41.6	56.8	73.3	93.5	114.4	135.6	160.1
45°	0.0	7.1	17.1	29.3	44.3	60.8	79.1	100.3	122.4	146.3	171.9
42.5°	0.0	7.4	18.2	31.2	46.9	64.6	84.6	107.0	130.2	156.6	184.1
40°	0.0	7.7	19.2	33.1	49.6	68.3	89.8	113.5	138.1	166.6	195.8
37.5°	0.0	7.9	20.2	34.9	52.4	71.8	94.8	119.7	146.5	176.2	207.0
35°	0.0	8.2	21.1	36.6	55.0	75.5	99.4	125.6	154.4	185.6	217.8
32.5°	0.0	8.4	22.0	38.1	57.5	79.1	103.8	131.2	161.8	194.5	228.1
30°	0.0	8.7	22.8	39.6	59.9	82.5	108.2	136.6	168.7	202.7	237.8
27.5°	0.0	8.9	23.6	40.8	61.9	85.5	112.4	142.2	175.2	210.4	246.8
25°	0.0	9.1	24.4	42.0	63.7	88.3	116.2	147.3	181.5	217.6	255.1
22.5°	0.0	9.2	25.0	43.0	65.3	90.8	119.7	151.9	187.1	224.4	263.4
20°	0.0	9.4	25.7	43.9	66.8	92.9	122.9	156.1	192.2	230.4	270.8
17.5°	0.0	9.5	26.2	44.7	68.1	94.7	125.7	159.7	196.7	235.8	277.3
15°	0.0	9.7	26.7	45.3	69.2	96.3	128.1	162.9	200.6	240.4	282.9
12.5°	0.0	9.8	27.2	45.9	70.1	97.6	130.3	165.6	203.9	244.3	287.6
10°	0.0	9.8	27.6	46.3	70.8	98.7	132.0	167.9	206.4	247.9	291.7
7.5°	0.0	9.9	27.9	46.5	71.4	99.4	133.4	169.6	208.4	250.8	296.0
5°	0.0	10.0	28.1	46.7	71.7	99.9	134.4	170.9	209.6	253.1	299.5
2.5°	0.0	10.0	28.3	46.8	71.8	100.2	135.0	171.6	210.3	254.6	302.1
0°	0.0	10.0	28.4	46.7	71.8	100.1	135.2	171.9	210.3	255.3	303.7
-2.5°	0.0	10.0	28.3	46.8	71.8	100.2	135.0	171.6	210.3	254.6	302.1
-5°	0.0	10.0	28.1	46.7	71.7	99.9	134.4	170.9	209.6	253.1	299.5
-7.5°	0.0	9.9	27.9	46.5	71.4	99.4	133.4	169.6	208.4	250.8	296.0
-10°	0.0	9.8	27.6	46.3	70.8	98.7	132.0	167.9	206.4	247.9	291.7
-12.5°	0.0	9.8	27.2	45.9	70.1	97.6	130.3	165.6	203.9	244.3	287.6
-15°	0.0	9.7	26.7	45.3	69.2	96.3	128.1	162.9	200.6	240.4	282.9
-17.5°	0.0	9.5	26.2	44.7	68.1	94.7	125.7	159.7	196.7	235.8	277.3
-20°	0.0	9.4	25.7	43.9	66.8	92.9	122.9	156.1	192.2	230.4	270.8



REPORT NUMBER: P558924 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	9.2	25.0	43.0	65.3	90.8	119.7	151.9	187.1	224.4	263.4
-25°	0.0	9.1	24.4	42.0	63.7	88.3	116.2	147.3	181.5	217.6	255.1
-27.5°	0.0	8.9	23.6	40.8	61.9	85.5	112.4	142.2	175.2	210.4	246.8
-30°	0.0	8.7	22.8	39.6	59.9	82.5	108.2	136.6	168.7	202.7	237.8
-32.5°	0.0	8.4	22.0	38.1	57.5	79.1	103.8	131.2	161.8	194.5	228.1
-35°	0.0	8.2	21.1	36.6	55.0	75.5	99.4	125.6	154.4	185.6	217.8
-37.5°	0.0	7.9	20.2	34.9	52.4	71.8	94.8	119.7	146.5	176.2	207.0
-40°	0.0	7.7	19.2	33.1	49.6	68.3	89.8	113.5	138.1	166.6	195.8
-42.5°	0.0	7.4	18.2	31.2	46.9	64.6	84.6	107.0	130.2	156.6	184.1
-45°	0.0	7.1	17.1	29.3	44.3	60.8	79.1	100.3	122.4	146.3	171.9
-47.5°	0.0	6.8	16.0	27.3	41.6	56.8	73.3	93.5	114.4	135.6	160.1
-50°	0.0	6.4	14.9	25.6	38.9	52.6	68.1	86.3	106.1	126.2	148.0
-52.5°	0.0	6.1	13.7	23.9	36.0	48.3	62.9	78.8	97.4	116.2	135.7
-55°	0.0	5.7	12.5	22.1	33.2	44.6	57.5	71.2	88.5	105.9	124.1
-57.5°	0.0	5.4	11.2	20.3	30.2	40.9	52.0	64.8	79.3	95.5	112.0
-60°	0.0	5.0	10.0	18.4	27.2	37.3	46.5	58.2	70.3	84.9	99.7
-62.5°	0.0	4.6	9.2	16.5	24.6	33.5	42.2	51.5	62.6	74.1	87.7
-65°	0.0	4.2	8.4	14.5	21.9	29.7	37.8	45.2	54.8	64.8	75.5
-67.5°	0.0	3.8	7.6	12.5	19.1	26.0	33.3	40.1	46.9	55.9	64.8
-70°	0.0	3.4	6.8	10.4	16.3	22.5	28.8	34.8	40.8	46.9	54.8
-72.5°	0.0	3.0	6.0	9.0	13.4	18.8	24.4	29.5	34.6	39.8	45.1
-75°	0.0	2.6	5.2	7.7	10.5	15.1	19.8	24.2	28.3	32.6	37.0
-77.5°	0.0	2.2	4.3	6.5	8.6	11.3	15.2	18.9	22.3	25.5	28.8
-80°	0.0	1.7	3.5	5.2	6.9	8.6	10.6	13.6	16.4	19.0	21.5
-82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.4	12.5	14.4
-85°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.6	8.4
-87.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-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):

	-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°	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.7	7.9
85°	9.2	10.0	11.2	12.4	13.5	14.5	15.4	16.2	17.1	18.0	18.8
82.5°	16.4	18.3	20.2	22.0	23.4	24.7	26.0	27.8	29.9	31.9	33.8
80°	24.0	26.6	29.7	32.9	35.8	38.6	41.4	44.2	47.0	50.0	53.0
77.5°	32.7	36.8	40.9	45.1	49.2	53.9	58.5	63.1	67.3	71.0	74.4
75°	41.8	46.9	53.0	59.3	65.3	71.1	77.1	83.5	89.2	94.3	99.1
72.5°	51.8	59.2	66.5	74.0	82.3	90.2	98.0	105.4	112.3	118.7	125.1
70°	62.9	71.4	81.2	91.2	100.8	110.0	118.9	127.3	135.3	143.6	152.6
67.5°	74.3	85.9	97.3	108.5	119.8	130.2	140.0	150.8	161.6	172.1	182.2
65°	87.8	100.5	113.7	126.6	138.9	151.5	164.0	176.4	189.0	201.0	212.2
62.5°	101.1	116.0	130.6	144.8	159.5	173.7	188.4	202.9	216.9	231.5	245.5
60°	115.3	131.5	147.5	163.6	180.0	197.1	213.4	230.4	247.6	264.1	280.0
57.5°	129.3	146.9	164.4	182.6	201.7	220.6	239.9	259.0	278.7	297.4	313.8
55°	143.0	162.0	181.6	202.5	223.5	245.1	266.7	289.0	310.1	325.9	340.8
52.5°	156.7	177.1	199.7	222.4	245.7	269.9	295.1	316.6	334.2	347.7	351.0
50°	170.2	193.6	217.4	242.3	268.1	295.5	319.6	339.0	348.9	352.7	350.7
47.5°	184.4	209.5	235.1	261.9	290.8	317.0	339.8	349.7	354.4	349.3	342.9
45°	198.5	225.4	252.5	282.0	310.8	335.6	348.4	355.5	349.1	343.0	338.5
42.5°	212.1	240.8	270.5	300.9	327.8	345.3	353.3	349.3	343.9	339.1	340.7
40°	225.5	255.7	288.2	316.8	341.0	349.9	348.6	343.6	340.4	342.5	349.3
37.5°	238.4	271.3	304.5	332.2	345.3	348.9	342.9	339.7	342.1	350.0	365.0
35°	250.7	286.3	317.9	341.1	349.9	343.7	339.4	338.9	347.9	363.9	386.2
32.5°	263.1	300.6	330.5	345.1	346.5	339.6	336.4	344.0	358.1	379.3	416.8
30°	275.3	311.6	339.8	348.6	342.5	337.2	339.0	350.1	369.2	404.4	465.1
27.5°	286.3	321.6	342.7	347.0	339.1	334.7	343.0	359.6	387.4	434.2	521.0
25°	296.4	330.6	345.4	343.8	336.8	336.3	347.6	368.1	406.4	482.2	601.1
22.5°	304.7	338.8	347.8	340.8	334.6	339.0	354.8	383.2	434.5	527.5	684.6
20°	311.4	340.9	347.4	338.0	332.3	341.2	361.2	398.1	472.3	598.2	778.7
17.5°	317.5	342.7	345.0	336.1	333.7	344.7	367.8	411.3	505.9	659.0	869.1
15°	322.9	344.3	342.8	334.5	335.3	349.4	378.7	436.3	546.2	716.4	950.2
12.5°	327.6	345.7	340.7	333.1	336.5	353.3	387.9	459.1	586.0	778.6	1080.3
10°	331.6	346.8	338.7	332.0	337.3	356.4	395.4	477.0	616.7	831.3	1189.5
7.5°	335.1	347.7	337.1	331.1	337.8	358.7	401.1	490.2	638.5	873.6	1271.2
5°	337.8	348.3	336.1	330.7	339.0	361.2	405.3	498.7	651.8	904.5	1325.9
2.5°	339.6	348.7	335.6	330.5	340.7	364.6	408.9	506.0	663.6	919.7	1364.8
0°	340.4	348.8	335.4	330.4	342.1	367.1	410.5	509.0	669.2	919.5	1388.5
-2.5°	339.6	348.7	335.6	330.5	340.7	364.6	408.9	506.0	663.6	919.7	1364.8
-5°	337.8	348.3	336.1	330.7	339.0	361.2	405.3	498.7	651.8	904.5	1325.9
-7.5°	335.1	347.7	337.1	331.1	337.8	358.7	401.1	490.2	638.5	873.6	1271.2
-10°	331.6	346.8	338.7	332.0	337.3	356.4	395.4	477.0	616.7	831.3	1189.5
-12.5°	327.6	345.7	340.7	333.1	336.5	353.3	387.9	459.1	586.0	778.6	1080.3
-15°	322.9	344.3	342.8	334.5	335.3	349.4	378.7	436.3	546.2	716.4	950.2
-17.5°	317.5	342.7	345.0	336.1	333.7	344.7	367.8	411.3	505.9	659.0	869.1
-20°	311.4	340.9	347.4	338.0	332.3	341.2	361.2	398.1	472.3	598.2	778.7



REPORT NUMBER: P558924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	304.7	338.8	347.8	340.8	334.6	339.0	354.8	383.2	434.5	527.5	684.6
-25°	296.4	330.6	345.4	343.8	336.8	336.3	347.6	368.1	406.4	482.2	601.1
-27.5°	286.3	321.6	342.7	347.0	339.1	334.7	343.0	359.6	387.4	434.2	521.0
-30°	275.3	311.6	339.8	348.6	342.5	337.2	339.0	350.1	369.2	404.4	465.1
-32.5°	263.1	300.6	330.5	345.1	346.5	339.6	336.4	344.0	358.1	379.3	416.8
-35°	250.7	286.3	317.9	341.1	349.9	343.7	339.4	338.9	347.9	363.9	386.2
-37.5°	238.4	271.3	304.5	332.2	345.3	348.9	342.9	339.7	342.1	350.0	365.0
-40°	225.5	255.7	288.2	316.8	341.0	349.9	348.6	343.6	340.4	342.5	349.3
-42.5°	212.1	240.8	270.5	300.9	327.8	345.3	353.3	349.3	343.9	339.1	340.7
-45°	198.5	225.4	252.5	282.0	310.8	335.6	348.4	355.5	349.1	343.0	338.5
-47.5°	184.4	209.5	235.1	261.9	290.8	317.0	339.8	349.7	354.4	349.3	342.9
-50°	170.2	193.6	217.4	242.3	268.1	295.5	319.6	339.0	348.9	352.7	350.7
-52.5°	156.7	177.1	199.7	222.4	245.7	269.9	295.1	316.6	334.2	347.7	351.0
-55°	143.0	162.0	181.6	202.5	223.5	245.1	266.7	289.0	310.1	325.9	340.8
-57.5°	129.3	146.9	164.4	182.6	201.7	220.6	239.9	259.0	278.7	297.4	313.8
-60°	115.3	131.5	147.5	163.6	180.0	197.1	213.4	230.4	247.6	264.1	280.0
-62.5°	101.1	116.0	130.6	144.8	159.5	173.7	188.4	202.9	216.9	231.5	245.5
-65°	87.8	100.5	113.7	126.6	138.9	151.5	164.0	176.4	189.0	201.0	212.2
-67.5°	74.3	85.9	97.3	108.5	119.8	130.2	140.0	150.8	161.6	172.1	182.2
-70°	62.9	71.4	81.2	91.2	100.8	110.0	118.9	127.3	135.3	143.6	152.6
-72.5°	51.8	59.2	66.5	74.0	82.3	90.2	98.0	105.4	112.3	118.7	125.1
-75°	41.8	46.9	53.0	59.3	65.3	71.1	77.1	83.5	89.2	94.3	99.1
-77.5°	32.7	36.8	40.9	45.1	49.2	53.9	58.5	63.1	67.3	71.0	74.4
-80°	24.0	26.6	29.7	32.9	35.8	38.6	41.4	44.2	47.0	50.0	53.0
-82.5°	16.4	18.3	20.2	22.0	23.4	24.7	26.0	27.8	29.9	31.9	33.8
-85°	9.2	10.0	11.2	12.4	13.5	14.5	15.4	16.2	17.1	18.0	18.8
-87.5°	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.7	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558924 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	8.1	7.9	7.7	7.5	7.7	7.8	7.9	8.0	8.5	9.0
85°	19.6	20.4	21.4	22.3	23.2	23.9	24.5	25.0	25.4	25.8	26.2
82.5°	35.7	37.5	39.3	40.9	42.3	43.4	44.5	45.4	46.2	46.8	47.4
80°	55.7	58.1	60.3	62.3	64.0	65.5	66.7	67.8	68.6	70.2	71.9
77.5°	77.9	81.3	84.5	87.5	90.1	92.7	95.2	97.4	99.3	100.9	101.9
75°	103.7	108.1	112.5	116.5	120.2	124.0	127.7	131.1	134.1	136.2	137.7
72.5°	131.4	137.4	142.7	147.8	152.4	157.0	161.7	165.8	169.5	172.3	174.5
70°	161.1	168.7	175.0	180.8	186.6	192.4	198.0	203.0	207.2	210.7	213.5
67.5°	191.8	200.6	208.4	216.1	223.7	230.9	237.8	244.1	250.0	254.4	257.4
65°	223.2	234.5	244.9	254.3	262.8	270.9	279.4	287.3	294.5	300.3	304.8
62.5°	258.7	271.5	283.2	293.8	303.2	310.8	318.9	326.4	333.0	339.2	345.3
60°	295.0	309.3	319.6	328.6	336.8	344.0	346.8	349.6	351.8	353.8	356.3
57.5°	326.7	339.0	347.8	349.9	351.7	353.2	352.2	349.4	346.4	343.5	341.1
55°	348.8	352.3	356.2	353.2	348.3	343.7	339.7	336.9	334.3	332.0	330.0
52.5°	354.7	351.3	347.2	342.7	339.3	335.8	332.3	333.0	334.1	334.9	335.3
50°	346.1	342.1	339.9	337.4	337.8	339.5	340.9	344.2	348.4	351.3	353.7
47.5°	339.4	336.8	340.2	344.4	348.3	355.5	361.8	368.1	377.8	385.5	391.6
45°	337.6	343.9	350.4	360.8	369.9	385.7	400.5	412.9	436.0	457.1	473.7
42.5°	347.1	358.0	369.9	390.0	411.8	439.7	475.5	505.8	541.3	574.4	598.4
40°	362.9	378.9	405.6	438.0	488.9	534.0	593.4	644.2	692.0	742.5	780.5
37.5°	385.5	415.4	465.4	523.7	600.8	674.9	756.7	836.2	903.9	1006.3	1086.5
35°	419.2	479.7	550.6	648.0	748.8	862.3	981.9	1136.1	1271.9	1431.1	1580.8
32.5°	480.4	562.3	673.6	805.3	939.2	1135.1	1320.0	1570.4	1795.5	2076.4	2378.5
30°	552.1	674.3	823.8	995.8	1238.2	1507.8	1811.6	2195.9	2652.3	3195.9	3925.4
27.5°	651.0	807.9	995.9	1274.8	1618.7	1979.8	2518.6	3164.5	4341.4	5367.1	6726.4
25°	757.4	949.1	1246.4	1621.1	2073.7	2724.1	3777.5	5121.3	7024.8	8844.8	10299.8
22.5°	880.1	1160.2	1535.4	2001.9	2734.3	3993.5	5629.0	7995.6	10118.1	11953.8	13367.6
20°	1016.0	1367.2	1871.6	2584.3	3831.6	5675.9	8301.4	10730.2	12898.1	14478.4	15727.5
17.5°	1191.9	1650.7	2290.7	3274.2	5188.6	8030.4	10737.2	13137.8	15024.1	16412.5	17519.9
15°	1356.2	1911.7	2741.1	4419.1	7032.0	10069.4	12843.8	14985.4	16617.7	17909.7	18905.2
12.5°	1550.0	2204.9	3267.6	5408.2	8727.1	11751.6	14339.6	16339.3	17911.2	19122.3	20456.6
10°	1722.7	2520.3	4022.0	6726.2	10119.2	13073.6	15586.8	17383.9	18960.2	20538.4	22539.2
7.5°	1865.3	2785.0	4640.7	7838.4	11187.9	14051.5	16341.1	18136.7	19873.9	21981.7	24867.6
5°	1978.6	2984.7	5149.6	8678.0	11964.9	14749.4	16917.1	18737.3	20699.5	23519.1	27392.0
2.5°	2054.3	3115.5	5467.8	9185.2	12455.1	15149.7	17344.1	19130.1	21187.4	24379.8	28426.0
0°	2084.4	3175.8	5387.1	9277.2	12484.7	15280.0	17407.8	19276.9	21326.3	24523.8	28615.8
-2.5°	2054.3	3115.5	5467.8	9185.2	12455.1	15149.7	17344.1	19130.1	21187.4	24379.8	28426.0
-5°	1978.6	2984.7	5149.6	8678.0	11964.9	14749.4	16917.1	18737.3	20699.5	23519.1	27392.0
-7.5°	1865.3	2785.0	4640.7	7838.4	11187.9	14051.5	16341.1	18136.7	19873.9	21981.7	24867.6
-10°	1722.7	2520.3	4022.0	6726.2	10119.2	13073.6	15586.8	17383.9	18960.2	20538.4	22539.2
-12.5°	1550.0	2204.9	3267.6	5408.2	8727.1	11751.6	14339.6	16339.3	17911.2	19122.3	20456.6
-15°	1356.2	1911.7	2741.1	4419.1	7032.0	10069.4	12843.8	14985.4	16617.7	17909.7	18905.2
-17.5°	1191.9	1650.7	2290.7	3274.2	5188.6	8030.4	10737.2	13137.8	15024.1	16412.5	17519.9
-20°	1016.0	1367.2	1871.6	2584.3	3831.6	5675.9	8301.4	10730.2	12898.1	14478.4	15727.5



REPORT NUMBER: P558924 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	880.1	1160.2	1535.4	2001.9	2734.3	3993.5	5629.0	7995.6	10118.1	11953.8	13367.6
-25°	757.4	949.1	1246.4	1621.1	2073.7	2724.1	3777.5	5121.3	7024.8	8844.8	10299.8
-27.5°	651.0	807.9	995.9	1274.8	1618.7	1979.8	2518.6	3164.5	4341.4	5367.1	6726.4
-30°	552.1	674.3	823.8	995.8	1238.2	1507.8	1811.6	2195.9	2652.3	3195.9	3925.4
-32.5°	480.4	562.3	673.6	805.3	939.2	1135.1	1320.0	1570.4	1795.5	2076.4	2378.5
-35°	419.2	479.7	550.6	648.0	748.8	862.3	981.9	1136.1	1271.9	1431.1	1580.8
-37.5°	385.5	415.4	465.4	523.7	600.8	674.9	756.7	836.2	903.9	1006.3	1086.5
-40°	362.9	378.9	405.6	438.0	488.9	534.0	593.4	644.2	692.0	742.5	780.5
-42.5°	347.1	358.0	369.9	390.0	411.8	439.7	475.5	505.8	541.3	574.4	598.4
-45°	337.6	343.9	350.4	360.8	369.9	385.7	400.5	412.9	436.0	457.1	473.7
-47.5°	339.4	336.8	340.2	344.4	348.3	355.5	361.8	368.1	377.8	385.5	391.6
-50°	346.1	342.1	339.9	337.4	337.8	339.5	340.9	344.2	348.4	351.3	353.7
-52.5°	354.7	351.3	347.2	342.7	339.3	335.8	332.3	333.0	334.1	334.9	335.3
-55°	348.8	352.3	356.2	353.2	348.3	343.7	339.7	336.9	334.3	332.0	330.0
-57.5°	326.7	339.0	347.8	349.9	351.7	353.2	352.2	349.4	346.4	343.5	341.1
-60°	295.0	309.3	319.6	328.6	336.8	344.0	346.8	349.6	351.8	353.8	356.3
-62.5°	258.7	271.5	283.2	293.8	303.2	310.8	318.9	326.4	333.0	339.2	345.3
-65°	223.2	234.5	244.9	254.3	262.8	270.9	279.4	287.3	294.5	300.3	304.8
-67.5°	191.8	200.6	208.4	216.1	223.7	230.9	237.8	244.1	250.0	254.4	257.4
-70°	161.1	168.7	175.0	180.8	186.6	192.4	198.0	203.0	207.2	210.7	213.5
-72.5°	131.4	137.4	142.7	147.8	152.4	157.0	161.7	165.8	169.5	172.3	174.5
-75°	103.7	108.1	112.5	116.5	120.2	124.0	127.7	131.1	134.1	136.2	137.7
-77.5°	77.9	81.3	84.5	87.5	90.1	92.7	95.2	97.4	99.3	100.9	101.9
-80°	55.7	58.1	60.3	62.3	64.0	65.5	66.7	67.8	68.6	70.2	71.9
-82.5°	35.7	37.5	39.3	40.9	42.3	43.4	44.5	45.4	46.2	46.8	47.4
-85°	19.6	20.4	21.4	22.3	23.2	23.9	24.5	25.0	25.4	25.8	26.2
-87.5°	8.2	8.1	7.9	7.7	7.5	7.7	7.8	7.9	8.0	8.5	9.0
-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: P558924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	9.5	10.0	10.0	10.0	10.0	10.0	9.5	9.0	8.5	8.0	7.9
85°	26.4	26.6	27.5	28.4	27.5	26.6	26.4	26.2	25.8	25.4	25.0
82.5°	47.8	48.2	48.3	48.4	48.3	48.2	47.8	47.4	46.8	46.2	45.4
80°	73.3	74.7	74.2	73.4	74.2	74.7	73.3	71.9	70.2	68.6	67.8
77.5°	102.6	103.0	102.5	101.8	102.5	103.0	102.6	101.9	100.9	99.3	97.4
75°	138.7	139.4	140.0	140.2	140.0	139.4	138.7	137.7	136.2	134.1	131.1
72.5°	176.3	177.5	177.5	176.9	177.5	177.5	176.3	174.5	172.3	169.5	165.8
70°	215.7	217.3	218.3	218.6	218.3	217.3	215.7	213.5	210.7	207.2	203.0
67.5°	259.4	260.6	261.6	262.0	261.6	260.6	259.4	257.4	254.4	250.0	244.1
65°	308.6	311.5	312.5	312.1	312.5	311.5	308.6	304.8	300.3	294.5	287.3
62.5°	351.1	356.1	358.3	358.8	358.3	356.1	351.1	345.3	339.2	333.0	326.4
60°	358.3	360.0	360.5	360.5	360.5	360.0	358.3	356.3	353.8	351.8	349.6
57.5°	338.9	336.9	335.7	335.4	335.7	336.9	338.9	341.1	343.5	346.4	349.4
55°	328.1	326.4	325.6	325.4	325.6	326.4	328.1	330.0	332.0	334.3	336.9
52.5°	335.4	335.2	335.9	337.1	335.9	335.2	335.4	335.3	334.9	334.1	333.0
50°	355.9	357.4	359.0	360.5	359.0	357.4	355.9	353.7	351.3	348.4	344.2
47.5°	396.0	398.3	399.7	400.5	399.7	398.3	396.0	391.6	385.5	377.8	368.1
45°	484.5	490.3	493.1	494.0	493.1	490.3	484.5	473.7	457.1	436.0	412.9
42.5°	614.2	623.0	626.7	627.5	626.7	623.0	614.2	598.4	574.4	541.3	505.8
40°	807.7	823.3	830.7	836.1	830.7	823.3	807.7	780.5	742.5	692.0	644.2
37.5°	1146.5	1185.5	1207.5	1226.6	1207.5	1185.5	1146.5	1086.5	1006.3	903.9	836.2
35°	1702.6	1791.8	1844.4	1855.8	1844.4	1791.8	1702.6	1580.8	1431.1	1271.9	1136.1
32.5°	2611.1	2786.1	2890.7	2903.8	2890.7	2786.1	2611.1	2378.5	2076.4	1795.5	1570.4
30°	4491.7	4982.1	5318.2	5271.9	5318.2	4982.1	4491.7	3925.4	3195.9	2652.3	2195.9
27.5°	7839.9	8729.2	9306.8	9258.8	9306.8	8729.2	7839.9	6726.4	5367.1	4341.4	3164.5
25°	11418.5	12237.0	12720.1	12898.6	12720.1	12237.0	11418.5	10299.8	8844.8	7024.8	5121.3
22.5°	14340.8	15072.6	15490.5	15740.6	15490.5	15072.6	14340.8	13367.6	11953.8	10118.1	7995.6
20°	16579.8	17214.4	17573.9	17728.2	17573.9	17214.4	16579.8	15727.5	14478.4	12898.1	10730.2
17.5°	18302.3	18833.5	19240.5	19345.3	19240.5	18833.5	18302.3	17519.9	16412.5	15024.1	13137.8
15°	19825.9	20512.1	20992.1	21171.1	20992.1	20512.1	19825.9	18905.2	17909.7	16617.7	14985.4
12.5°	21747.2	22940.5	23574.9	23721.1	23574.9	22940.5	21747.2	20456.6	19122.3	17911.2	16339.3
10°	24587.0	26421.2	26629.1	26344.5	26629.1	26421.2	24587.0	22539.2	20538.4	18960.2	17383.9
7.5°	28722.8	31168.5	30639.7	29759.0	30639.7	31168.5	28722.8	24867.6	21981.7	19873.9	18136.7
5°	31682.6	35078.2	35183.6	34536.9	35183.6	35078.2	31682.6	27392.0	23519.1	20699.5	18737.3
2.5°	32860.8	36356.3	38096.0	38381.1	38096.0	36356.3	32860.8	28426.0	24379.8	21187.4	19130.1
0°	32949.0	36768.2	38830.8	39343.2	38830.8	36768.2	32949.0	28615.8	24523.8	21326.3	19276.9
-2.5°	32860.8	36356.3	38096.0	38381.1	38096.0	36356.3	32860.8	28426.0	24379.8	21187.4	19130.1
-5°	31682.6	35078.2	35183.6	34536.9	35183.6	35078.2	31682.6	27392.0	23519.1	20699.5	18737.3
-7.5°	28722.8	31168.5	30639.7	29759.0	30639.7	31168.5	28722.8	24867.6	21981.7	19873.9	18136.7
-10°	24587.0	26421.2	26629.1	26344.5	26629.1	26421.2	24587.0	22539.2	20538.4	18960.2	17383.9
-12.5°	21747.2	22940.5	23574.9	23721.1	23574.9	22940.5	21747.2	20456.6	19122.3	17911.2	16339.3
-15°	19825.9	20512.1	20992.1	21171.1	20992.1	20512.1	19825.9	18905.2	17909.7	16617.7	14985.4
-17.5°	18302.3	18833.5	19240.5	19345.3	19240.5	18833.5	18302.3	17519.9	16412.5	15024.1	13137.8
-20°	16579.8	17214.4	17573.9	17728.2	17573.9	17214.4	16579.8	15727.5	14478.4	12898.1	10730.2



REPORT NUMBER: P558924 (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°	14340.8	15072.6	15490.5	15740.6	15490.5	15072.6	14340.8	13367.6	11953.8	10118.1	7995.6
-25°	11418.5	12237.0	12720.1	12898.6	12720.1	12237.0	11418.5	10299.8	8844.8	7024.8	5121.3
-27.5°	7839.9	8729.2	9306.8	9258.8	9306.8	8729.2	7839.9	6726.4	5367.1	4341.4	3164.5
-30°	4491.7	4982.1	5318.2	5271.9	5318.2	4982.1	4491.7	3925.4	3195.9	2652.3	2195.9
-32.5°	2611.1	2786.1	2890.7	2903.8	2890.7	2786.1	2611.1	2378.5	2076.4	1795.5	1570.4
-35°	1702.6	1791.8	1844.4	1855.8	1844.4	1791.8	1702.6	1580.8	1431.1	1271.9	1136.1
-37.5°	1146.5	1185.5	1207.5	1226.6	1207.5	1185.5	1146.5	1086.5	1006.3	903.9	836.2
-40°	807.7	823.3	830.7	836.1	830.7	823.3	807.7	780.5	742.5	692.0	644.2
-42.5°	614.2	623.0	626.7	627.5	626.7	623.0	614.2	598.4	574.4	541.3	505.8
-45°	484.5	490.3	493.1	494.0	493.1	490.3	484.5	473.7	457.1	436.0	412.9
-47.5°	396.0	398.3	399.7	400.5	399.7	398.3	396.0	391.6	385.5	377.8	368.1
-50°	355.9	357.4	359.0	360.5	359.0	357.4	355.9	353.7	351.3	348.4	344.2
-52.5°	335.4	335.2	335.9	337.1	335.9	335.2	335.4	335.3	334.9	334.1	333.0
-55°	328.1	326.4	325.6	325.4	325.6	326.4	328.1	330.0	332.0	334.3	336.9
-57.5°	338.9	336.9	335.7	335.4	335.7	336.9	338.9	341.1	343.5	346.4	349.4
-60°	358.3	360.0	360.5	360.5	360.5	360.0	358.3	356.3	353.8	351.8	349.6
-62.5°	351.1	356.1	358.3	358.8	358.3	356.1	351.1	345.3	339.2	333.0	326.4
-65°	308.6	311.5	312.5	312.1	312.5	311.5	308.6	304.8	300.3	294.5	287.3
-67.5°	259.4	260.6	261.6	262.0	261.6	260.6	259.4	257.4	254.4	250.0	244.1
-70°	215.7	217.3	218.3	218.6	218.3	217.3	215.7	213.5	210.7	207.2	203.0
-72.5°	176.3	177.5	177.5	176.9	177.5	177.5	176.3	174.5	172.3	169.5	165.8
-75°	138.7	139.4	140.0	140.2	140.0	139.4	138.7	137.7	136.2	134.1	131.1
-77.5°	102.6	103.0	102.5	101.8	102.5	103.0	102.6	101.9	100.9	99.3	97.4
-80°	73.3	74.7	74.2	73.4	74.2	74.7	73.3	71.9	70.2	68.6	67.8
-82.5°	47.8	48.2	48.3	48.4	48.3	48.2	47.8	47.4	46.8	46.2	45.4
-85°	26.4	26.6	27.5	28.4	27.5	26.6	26.4	26.2	25.8	25.4	25.0
-87.5°	9.5	10.0	10.0	10.0	10.0	10.0	9.5	9.0	8.5	8.0	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558924 (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°	7.8	7.7	7.5	7.7	7.9	8.1	8.2	7.9	7.7	7.4	7.1
85°	24.5	23.9	23.2	22.3	21.4	20.4	19.6	18.8	18.0	17.1	16.2
82.5°	44.5	43.4	42.3	40.9	39.3	37.5	35.7	33.8	31.9	29.9	27.8
80°	66.7	65.5	64.0	62.3	60.3	58.1	55.7	53.0	50.0	47.0	44.2
77.5°	95.2	92.7	90.1	87.5	84.5	81.3	77.9	74.4	71.0	67.3	63.1
75°	127.7	124.0	120.2	116.5	112.5	108.1	103.7	99.1	94.3	89.2	83.5
72.5°	161.7	157.0	152.4	147.8	142.7	137.4	131.4	125.1	118.7	112.3	105.4
70°	198.0	192.4	186.6	180.8	175.0	168.7	161.1	152.6	143.6	135.3	127.3
67.5°	237.8	230.9	223.7	216.1	208.4	200.6	191.8	182.2	172.1	161.6	150.8
65°	279.4	270.9	262.8	254.3	244.9	234.5	223.2	212.2	201.0	189.0	176.4
62.5°	318.9	310.8	303.2	293.8	283.2	271.5	258.7	245.5	231.5	216.9	202.9
60°	346.8	344.0	336.8	328.6	319.6	309.3	295.0	280.0	264.1	247.6	230.4
57.5°	352.2	353.2	351.7	349.9	347.8	339.0	326.7	313.8	297.4	278.7	259.0
55°	339.7	343.7	348.3	353.2	356.2	352.3	348.8	340.8	325.9	310.1	289.0
52.5°	332.3	335.8	339.3	342.7	347.2	351.3	354.7	351.0	347.7	334.2	316.6
50°	340.9	339.5	337.8	337.4	339.9	342.1	346.1	350.7	352.7	348.9	339.0
47.5°	361.8	355.5	348.3	344.4	340.2	336.8	339.4	342.9	349.3	354.4	349.7
45°	400.5	385.7	369.9	360.8	350.4	343.9	337.6	338.5	343.0	349.1	355.5
42.5°	475.5	439.7	411.8	390.0	369.9	358.0	347.1	340.7	339.1	343.9	349.3
40°	593.4	534.0	488.9	438.0	405.6	378.9	362.9	349.3	342.5	340.4	343.6
37.5°	756.7	674.9	600.8	523.7	465.4	415.4	385.5	365.0	350.0	342.1	339.7
35°	981.9	862.3	748.8	648.0	550.6	479.7	419.2	386.2	363.9	347.9	338.9
32.5°	1320.0	1135.1	939.2	805.3	673.6	562.3	480.4	416.8	379.3	358.1	344.0
30°	1811.6	1507.8	1238.2	995.8	823.8	674.3	552.1	465.1	404.4	369.2	350.1
27.5°	2518.6	1979.8	1618.7	1274.8	995.9	807.9	651.0	521.0	434.2	387.4	359.6
25°	3777.5	2724.1	2073.7	1621.1	1246.4	949.1	757.4	601.1	482.2	406.4	368.1
22.5°	5629.0	3993.5	2734.3	2001.9	1535.4	1160.2	880.1	684.6	527.5	434.5	383.2
20°	8301.4	5675.9	3831.6	2584.3	1871.6	1367.2	1016.0	778.7	598.2	472.3	398.1
17.5°	10737.2	8030.4	5188.6	3274.2	2290.7	1650.7	1191.9	869.1	659.0	505.9	411.3
15°	12843.8	10069.4	7032.0	4419.1	2741.1	1911.7	1356.2	950.2	716.4	546.2	436.3
12.5°	14339.6	11751.6	8727.1	5408.2	3267.6	2204.9	1550.0	1080.3	778.6	586.0	459.1
10°	15586.8	13073.6	10119.2	6726.2	4022.0	2520.3	1722.7	1189.5	831.3	616.7	477.0
7.5°	16341.1	14051.5	11187.9	7838.4	4640.7	2785.0	1865.3	1271.2	873.6	638.5	490.2
5°	16917.1	14749.4	11964.9	8678.0	5149.6	2984.7	1978.6	1325.9	904.5	651.8	498.7
2.5°	17344.1	15149.7	12455.1	9185.2	5467.8	3115.5	2054.3	1364.8	919.7	663.6	506.0
0°	17407.8	15280.0	12484.7	9277.2	5387.1	3175.8	2084.4	1388.5	919.5	669.2	509.0
-2.5°	17344.1	15149.7	12455.1	9185.2	5467.8	3115.5	2054.3	1364.8	919.7	663.6	506.0
-5°	16917.1	14749.4	11964.9	8678.0	5149.6	2984.7	1978.6	1325.9	904.5	651.8	498.7
-7.5°	16341.1	14051.5	11187.9	7838.4	4640.7	2785.0	1865.3	1271.2	873.6	638.5	490.2
-10°	15586.8	13073.6	10119.2	6726.2	4022.0	2520.3	1722.7	1189.5	831.3	616.7	477.0
-12.5°	14339.6	11751.6	8727.1	5408.2	3267.6	2204.9	1550.0	1080.3	778.6	586.0	459.1
-15°	12843.8	10069.4	7032.0	4419.1	2741.1	1911.7	1356.2	950.2	716.4	546.2	436.3
-17.5°	10737.2	8030.4	5188.6	3274.2	2290.7	1650.7	1191.9	869.1	659.0	505.9	411.3
-20°	8301.4	5675.9	3831.6	2584.3	1871.6	1367.2	1016.0	778.7	598.2	472.3	398.1



REPORT NUMBER: P558924 (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°	5629.0	3993.5	2734.3	2001.9	1535.4	1160.2	880.1	684.6	527.5	434.5	383.2
-25°	3777.5	2724.1	2073.7	1621.1	1246.4	949.1	757.4	601.1	482.2	406.4	368.1
-27.5°	2518.6	1979.8	1618.7	1274.8	995.9	807.9	651.0	521.0	434.2	387.4	359.6
-30°	1811.6	1507.8	1238.2	995.8	823.8	674.3	552.1	465.1	404.4	369.2	350.1
-32.5°	1320.0	1135.1	939.2	805.3	673.6	562.3	480.4	416.8	379.3	358.1	344.0
-35°	981.9	862.3	748.8	648.0	550.6	479.7	419.2	386.2	363.9	347.9	338.9
-37.5°	756.7	674.9	600.8	523.7	465.4	415.4	385.5	365.0	350.0	342.1	339.7
-40°	593.4	534.0	488.9	438.0	405.6	378.9	362.9	349.3	342.5	340.4	343.6
-42.5°	475.5	439.7	411.8	390.0	369.9	358.0	347.1	340.7	339.1	343.9	349.3
-45°	400.5	385.7	369.9	360.8	350.4	343.9	337.6	338.5	343.0	349.1	355.5
-47.5°	361.8	355.5	348.3	344.4	340.2	336.8	339.4	342.9	349.3	354.4	349.7
-50°	340.9	339.5	337.8	337.4	339.9	342.1	346.1	350.7	352.7	348.9	339.0
-52.5°	332.3	335.8	339.3	342.7	347.2	351.3	354.7	351.0	347.7	334.2	316.6
-55°	339.7	343.7	348.3	353.2	356.2	352.3	348.8	340.8	325.9	310.1	289.0
-57.5°	352.2	353.2	351.7	349.9	347.8	339.0	326.7	313.8	297.4	278.7	259.0
-60°	346.8	344.0	336.8	328.6	319.6	309.3	295.0	280.0	264.1	247.6	230.4
-62.5°	318.9	310.8	303.2	293.8	283.2	271.5	258.7	245.5	231.5	216.9	202.9
-65°	279.4	270.9	262.8	254.3	244.9	234.5	223.2	212.2	201.0	189.0	176.4
-67.5°	237.8	230.9	223.7	216.1	208.4	200.6	191.8	182.2	172.1	161.6	150.8
-70°	198.0	192.4	186.6	180.8	175.0	168.7	161.1	152.6	143.6	135.3	127.3
-72.5°	161.7	157.0	152.4	147.8	142.7	137.4	131.4	125.1	118.7	112.3	105.4
-75°	127.7	124.0	120.2	116.5	112.5	108.1	103.7	99.1	94.3	89.2	83.5
-77.5°	95.2	92.7	90.1	87.5	84.5	81.3	77.9	74.4	71.0	67.3	63.1
-80°	66.7	65.5	64.0	62.3	60.3	58.1	55.7	53.0	50.0	47.0	44.2
-82.5°	44.5	43.4	42.3	40.9	39.3	37.5	35.7	33.8	31.9	29.9	27.8
-85°	24.5	23.9	23.2	22.3	21.4	20.4	19.6	18.8	18.0	17.1	16.2
-87.5°	7.8	7.7	7.5	7.7	7.9	8.1	8.2	7.9	7.7	7.4	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: P558924 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	6.8	6.4	6.1	5.7	5.4	5.0	4.6	4.2	3.8	3.4	3.0
85°	15.4	14.5	13.5	12.4	11.2	10.0	9.2	8.4	7.6	6.8	6.0
82.5°	26.0	24.7	23.4	22.0	20.2	18.3	16.4	14.4	12.5	10.4	9.0
80°	41.4	38.6	35.8	32.9	29.7	26.6	24.0	21.5	19.0	16.4	13.6
77.5°	58.5	53.9	49.2	45.1	40.9	36.8	32.7	28.8	25.5	22.3	18.9
75°	77.1	71.1	65.3	59.3	53.0	46.9	41.8	37.0	32.6	28.3	24.2
72.5°	98.0	90.2	82.3	74.0	66.5	59.2	51.8	45.1	39.8	34.6	29.5
70°	118.9	110.0	100.8	91.2	81.2	71.4	62.9	54.8	46.9	40.8	34.8
67.5°	140.0	130.2	119.8	108.5	97.3	85.9	74.3	64.8	55.9	46.9	40.1
65°	164.0	151.5	138.9	126.6	113.7	100.5	87.8	75.5	64.8	54.8	45.2
62.5°	188.4	173.7	159.5	144.8	130.6	116.0	101.1	87.7	74.1	62.6	51.5
60°	213.4	197.1	180.0	163.6	147.5	131.5	115.3	99.7	84.9	70.3	58.2
57.5°	239.9	220.6	201.7	182.6	164.4	146.9	129.3	112.0	95.5	79.3	64.8
55°	266.7	245.1	223.5	202.5	181.6	162.0	143.0	124.1	105.9	88.5	71.2
52.5°	295.1	269.9	245.7	222.4	199.7	177.1	156.7	135.7	116.2	97.4	78.8
50°	319.6	295.5	268.1	242.3	217.4	193.6	170.2	148.0	126.2	106.1	86.3
47.5°	339.8	317.0	290.8	261.9	235.1	209.5	184.4	160.1	135.6	114.4	93.5
45°	348.4	335.6	310.8	282.0	252.5	225.4	198.5	171.9	146.3	122.4	100.3
42.5°	353.3	345.3	327.8	300.9	270.5	240.8	212.1	184.1	156.6	130.2	107.0
40°	348.6	349.9	341.0	316.8	288.2	255.7	225.5	195.8	166.6	138.1	113.5
37.5°	342.9	348.9	345.3	332.2	304.5	271.3	238.4	207.0	176.2	146.5	119.7
35°	339.4	343.7	349.9	341.1	317.9	286.3	250.7	217.8	185.6	154.4	125.6
32.5°	336.4	339.6	346.5	345.1	330.5	300.6	263.1	228.1	194.5	161.8	131.2
30°	339.0	337.2	342.5	348.6	339.8	311.6	275.3	237.8	202.7	168.7	136.6
27.5°	343.0	334.7	339.1	347.0	342.7	321.6	286.3	246.8	210.4	175.2	142.2
25°	347.6	336.3	336.8	343.8	345.4	330.6	296.4	255.1	217.6	181.5	147.3
22.5°	354.8	339.0	334.6	340.8	347.8	338.8	304.7	263.4	224.4	187.1	151.9
20°	361.2	341.2	332.3	338.0	347.4	340.9	311.4	270.8	230.4	192.2	156.1
17.5°	367.8	344.7	333.7	336.1	345.0	342.7	317.5	277.3	235.8	196.7	159.7
15°	378.7	349.4	335.3	334.5	342.8	344.3	322.9	282.9	240.4	200.6	162.9
12.5°	387.9	353.3	336.5	333.1	340.7	345.7	327.6	287.6	244.3	203.9	165.6
10°	395.4	356.4	337.3	332.0	338.7	346.8	331.6	291.7	247.9	206.4	167.9
7.5°	401.1	358.7	337.8	331.1	337.1	347.7	335.1	296.0	250.8	208.4	169.6
5°	405.3	361.2	339.0	330.7	336.1	348.3	337.8	299.5	253.1	209.6	170.9
2.5°	408.9	364.6	340.7	330.5	335.6	348.7	339.6	302.1	254.6	210.3	171.6
0°	410.5	367.1	342.1	330.4	335.4	348.8	340.4	303.7	255.3	210.3	171.9
-2.5°	408.9	364.6	340.7	330.5	335.6	348.7	339.6	302.1	254.6	210.3	171.6
-5°	405.3	361.2	339.0	330.7	336.1	348.3	337.8	299.5	253.1	209.6	170.9
-7.5°	401.1	358.7	337.8	331.1	337.1	347.7	335.1	296.0	250.8	208.4	169.6
-10°	395.4	356.4	337.3	332.0	338.7	346.8	331.6	291.7	247.9	206.4	167.9
-12.5°	387.9	353.3	336.5	333.1	340.7	345.7	327.6	287.6	244.3	203.9	165.6
-15°	378.7	349.4	335.3	334.5	342.8	344.3	322.9	282.9	240.4	200.6	162.9
-17.5°	367.8	344.7	333.7	336.1	345.0	342.7	317.5	277.3	235.8	196.7	159.7
-20°	361.2	341.2	332.3	338.0	347.4	340.9	311.4	270.8	230.4	192.2	156.1



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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°	354.8	339.0	334.6	340.8	347.8	338.8	304.7	263.4	224.4	187.1	151.9
-25°	347.6	336.3	336.8	343.8	345.4	330.6	296.4	255.1	217.6	181.5	147.3
-27.5°	343.0	334.7	339.1	347.0	342.7	321.6	286.3	246.8	210.4	175.2	142.2
-30°	339.0	337.2	342.5	348.6	339.8	311.6	275.3	237.8	202.7	168.7	136.6
-32.5°	336.4	339.6	346.5	345.1	330.5	300.6	263.1	228.1	194.5	161.8	131.2
-35°	339.4	343.7	349.9	341.1	317.9	286.3	250.7	217.8	185.6	154.4	125.6
-37.5°	342.9	348.9	345.3	332.2	304.5	271.3	238.4	207.0	176.2	146.5	119.7
-40°	348.6	349.9	341.0	316.8	288.2	255.7	225.5	195.8	166.6	138.1	113.5
-42.5°	353.3	345.3	327.8	300.9	270.5	240.8	212.1	184.1	156.6	130.2	107.0
-45°	348.4	335.6	310.8	282.0	252.5	225.4	198.5	171.9	146.3	122.4	100.3
-47.5°	339.8	317.0	290.8	261.9	235.1	209.5	184.4	160.1	135.6	114.4	93.5
-50°	319.6	295.5	268.1	242.3	217.4	193.6	170.2	148.0	126.2	106.1	86.3
-52.5°	295.1	269.9	245.7	222.4	199.7	177.1	156.7	135.7	116.2	97.4	78.8
-55°	266.7	245.1	223.5	202.5	181.6	162.0	143.0	124.1	105.9	88.5	71.2
-57.5°	239.9	220.6	201.7	182.6	164.4	146.9	129.3	112.0	95.5	79.3	64.8
-60°	213.4	197.1	180.0	163.6	147.5	131.5	115.3	99.7	84.9	70.3	58.2
-62.5°	188.4	173.7	159.5	144.8	130.6	116.0	101.1	87.7	74.1	62.6	51.5
-65°	164.0	151.5	138.9	126.6	113.7	100.5	87.8	75.5	64.8	54.8	45.2
-67.5°	140.0	130.2	119.8	108.5	97.3	85.9	74.3	64.8	55.9	46.9	40.1
-70°	118.9	110.0	100.8	91.2	81.2	71.4	62.9	54.8	46.9	40.8	34.8
-72.5°	98.0	90.2	82.3	74.0	66.5	59.2	51.8	45.1	39.8	34.6	29.5
-75°	77.1	71.1	65.3	59.3	53.0	46.9	41.8	37.0	32.6	28.3	24.2
-77.5°	58.5	53.9	49.2	45.1	40.9	36.8	32.7	28.8	25.5	22.3	18.9
-80°	41.4	38.6	35.8	32.9	29.7	26.6	24.0	21.5	19.0	16.4	13.6
-82.5°	26.0	24.7	23.4	22.0	20.2	18.3	16.4	14.4	12.5	10.4	9.0
-85°	15.4	14.5	13.5	12.4	11.2	10.0	9.2	8.4	7.6	6.8	6.0
-87.5°	6.8	6.4	6.1	5.7	5.4	5.0	4.6	4.2	3.8	3.4	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):

	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°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
85°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
82.5°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
80°	10.6	8.6	6.9	5.2	3.5	1.7	0.0
77.5°	15.2	11.3	8.6	6.5	4.3	2.2	0.0
75°	19.8	15.1	10.5	7.7	5.2	2.6	0.0
72.5°	24.4	18.8	13.4	9.0	6.0	3.0	0.0
70°	28.8	22.5	16.3	10.4	6.8	3.4	0.0
67.5°	33.3	26.0	19.1	12.5	7.6	3.8	0.0
65°	37.8	29.7	21.9	14.5	8.4	4.2	0.0
62.5°	42.2	33.5	24.6	16.5	9.2	4.6	0.0
60°	46.5	37.3	27.2	18.4	10.0	5.0	0.0
57.5°	52.0	40.9	30.2	20.3	11.2	5.4	0.0
55°	57.5	44.6	33.2	22.1	12.5	5.7	0.0
52.5°	62.9	48.3	36.0	23.9	13.7	6.1	0.0
50°	68.1	52.6	38.9	25.6	14.9	6.4	0.0
47.5°	73.3	56.8	41.6	27.3	16.0	6.8	0.0
45°	79.1	60.8	44.3	29.3	17.1	7.1	0.0
42.5°	84.6	64.6	46.9	31.2	18.2	7.4	0.0
40°	89.8	68.3	49.6	33.1	19.2	7.7	0.0
37.5°	94.8	71.8	52.4	34.9	20.2	7.9	0.0
35°	99.4	75.5	55.0	36.6	21.1	8.2	0.0
32.5°	103.8	79.1	57.5	38.1	22.0	8.4	0.0
30°	108.2	82.5	59.9	39.6	22.8	8.7	0.0
27.5°	112.4	85.5	61.9	40.8	23.6	8.9	0.0
25°	116.2	88.3	63.7	42.0	24.4	9.1	0.0
22.5°	119.7	90.8	65.3	43.0	25.0	9.2	0.0
20°	122.9	92.9	66.8	43.9	25.7	9.4	0.0
17.5°	125.7	94.7	68.1	44.7	26.2	9.5	0.0
15°	128.1	96.3	69.2	45.3	26.7	9.7	0.0
12.5°	130.3	97.6	70.1	45.9	27.2	9.8	0.0
10°	132.0	98.7	70.8	46.3	27.6	9.8	0.0
7.5°	133.4	99.4	71.4	46.5	27.9	9.9	0.0
5°	134.4	99.9	71.7	46.7	28.1	10.0	0.0
2.5°	135.0	100.2	71.8	46.8	28.3	10.0	0.0
0°	135.2	100.1	71.8	46.7	28.4	10.0	0.0
-2.5°	135.0	100.2	71.8	46.8	28.3	10.0	0.0
-5°	134.4	99.9	71.7	46.7	28.1	10.0	0.0
-7.5°	133.4	99.4	71.4	46.5	27.9	9.9	0.0
-10°	132.0	98.7	70.8	46.3	27.6	9.8	0.0
-12.5°	130.3	97.6	70.1	45.9	27.2	9.8	0.0
-15°	128.1	96.3	69.2	45.3	26.7	9.7	0.0
-17.5°	125.7	94.7	68.1	44.7	26.2	9.5	0.0
-20°	122.9	92.9	66.8	43.9	25.7	9.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	119.7	90.8	65.3	43.0	25.0	9.2	0.0
-25°	116.2	88.3	63.7	42.0	24.4	9.1	0.0
-27.5°	112.4	85.5	61.9	40.8	23.6	8.9	0.0
-30°	108.2	82.5	59.9	39.6	22.8	8.7	0.0
-32.5°	103.8	79.1	57.5	38.1	22.0	8.4	0.0
-35°	99.4	75.5	55.0	36.6	21.1	8.2	0.0
-37.5°	94.8	71.8	52.4	34.9	20.2	7.9	0.0
-40°	89.8	68.3	49.6	33.1	19.2	7.7	0.0
-42.5°	84.6	64.6	46.9	31.2	18.2	7.4	0.0
-45°	79.1	60.8	44.3	29.3	17.1	7.1	0.0
-47.5°	73.3	56.8	41.6	27.3	16.0	6.8	0.0
-50°	68.1	52.6	38.9	25.6	14.9	6.4	0.0
-52.5°	62.9	48.3	36.0	23.9	13.7	6.1	0.0
-55°	57.5	44.6	33.2	22.1	12.5	5.7	0.0
-57.5°	52.0	40.9	30.2	20.3	11.2	5.4	0.0
-60°	46.5	37.3	27.2	18.4	10.0	5.0	0.0
-62.5°	42.2	33.5	24.6	16.5	9.2	4.6	0.0
-65°	37.8	29.7	21.9	14.5	8.4	4.2	0.0
-67.5°	33.3	26.0	19.1	12.5	7.6	3.8	0.0
-70°	28.8	22.5	16.3	10.4	6.8	3.4	0.0
-72.5°	24.4	18.8	13.4	9.0	6.0	3.0	0.0
-75°	19.8	15.1	10.5	7.7	5.2	2.6	0.0
-77.5°	15.2	11.3	8.6	6.5	4.3	2.2	0.0
-80°	10.6	8.6	6.9	5.2	3.5	1.7	0.0
-82.5°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
-85°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
-87.5°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)