

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: P559031 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-940-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559031 (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-SA5B-940-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

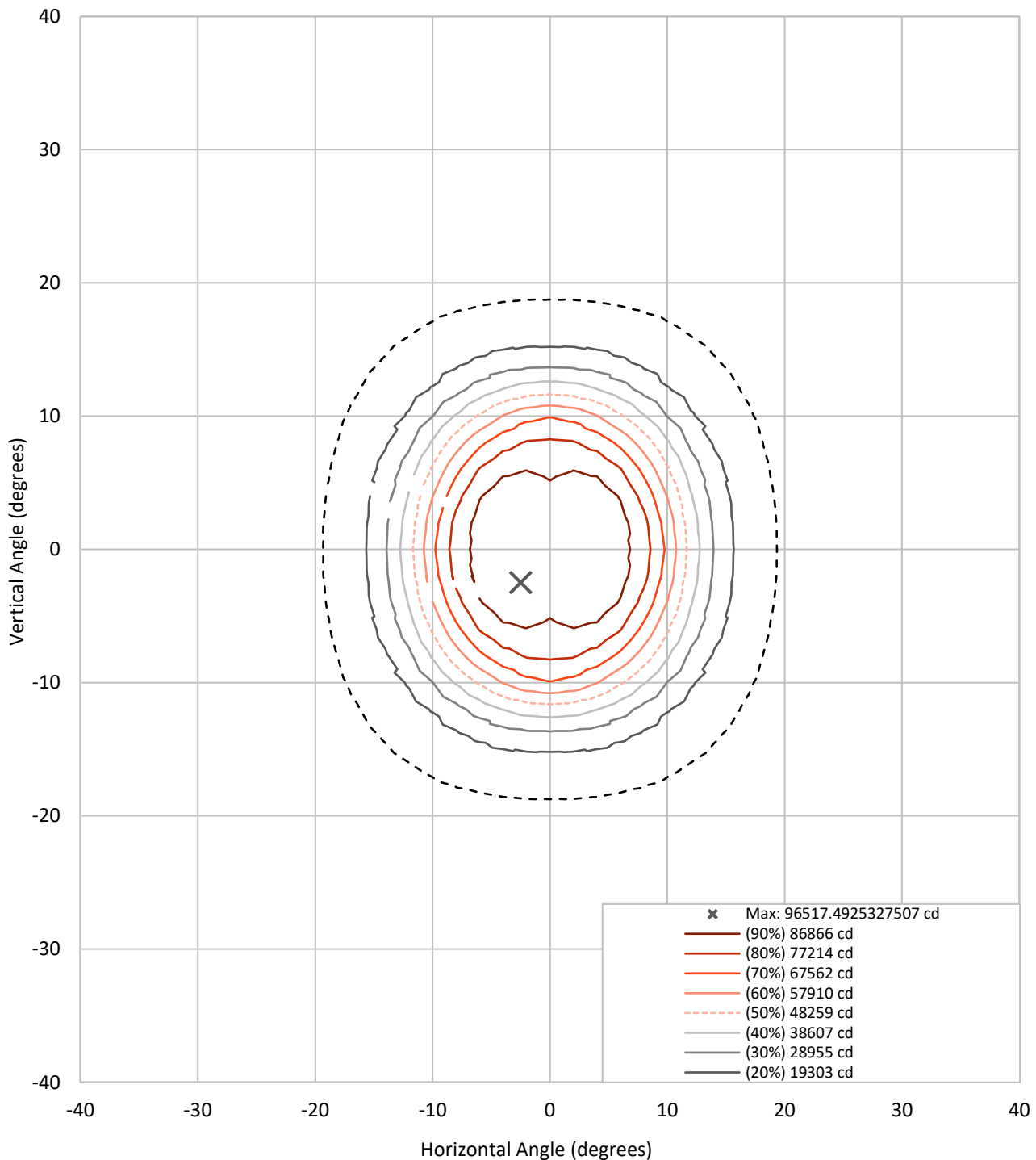
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	18251.3 lumens	Max Intensity:	96517.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	118.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	9853.3 lumens	Field Lumens:	14859.3 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 154
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





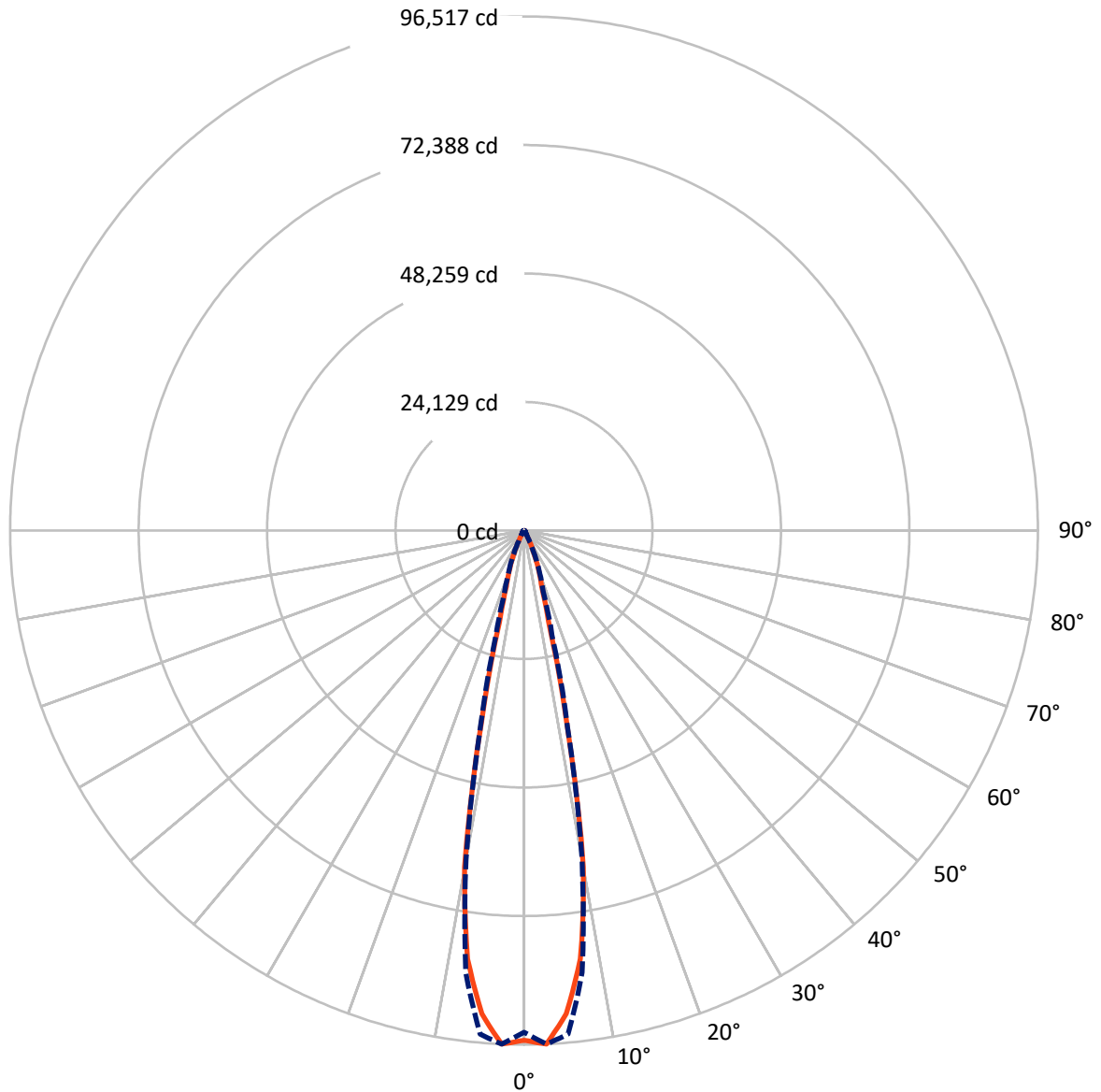
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Lumen Table

90																
80	0.2	1.8		4.9		7.8		9.1		7.8		4.9		1.8		0.2
70																
60	0.9	1.0	2.0	3.2	4.4	5.4	6.2	6.6	6.6	6.2	5.4	4.4	3.2	2.0	1.0	0.9
50		1.4	2.9	4.5	6.0	7.2	8.0	8.3	8.3	8.0	7.2	6.0	4.5	2.9	1.4	
40	1.5	1.9	3.7	5.5	7.0	8.6	9.9	10.5	10.5	9.9	8.6	7.0	5.5	3.7	1.9	1.5
30		2.3	4.2	6.2	8.3	11.3	14.9	17.9	17.9	14.9	11.3	8.3	6.2	4.2	2.3	
20	2.0	2.6	4.6	6.8	10.3	18.6	56.1	109.2	109.2	56.1	18.6	10.3	6.8	4.6	2.6	2.0
10		2.7	4.8	7.2	12.9	55.4	255.5	657.1	657.1	255.5	55.4	12.9	7.2	4.8	2.7	
0	2.2	2.8	4.9	7.6	15.4	107.8	665.4	2350.7	2350.7	665.4	107.8	15.4	7.6	4.9	2.8	2.2
-10		2.8	4.9	7.6	15.4	107.8	665.4	2350.7	2350.7	665.4	107.8	15.4	7.6	4.9	2.8	
-20	2.0	2.7	4.8	7.2	12.9	55.4	255.5	657.1	657.1	255.5	55.4	12.9	7.2	4.8	2.7	2.0
-30		2.6	4.6	6.8	10.3	18.6	56.1	109.2	109.2	56.1	18.6	10.3	6.8	4.6	2.6	
-40	1.5	2.3	4.2	6.2	8.3	11.3	14.9	17.9	17.9	14.9	11.3	8.3	6.2	4.2	2.3	1.5
-50		1.9	3.7	5.5	7.0	8.6	9.9	10.5	10.5	9.9	8.6	7.0	5.5	3.7	1.9	
-60	0.9	1.4	2.9	4.5	6.0	7.2	8.0	8.3	8.3	8.0	7.2	6.0	4.5	2.9	1.4	0.9
-70		1.0	2.0	3.2	4.4	5.4	6.2	6.6	6.6	6.2	5.4	4.4	3.2	2.0	1.0	
-80																
-90	0.2	1.8		4.9		7.8		9.1		7.8		4.9		1.8		0.2

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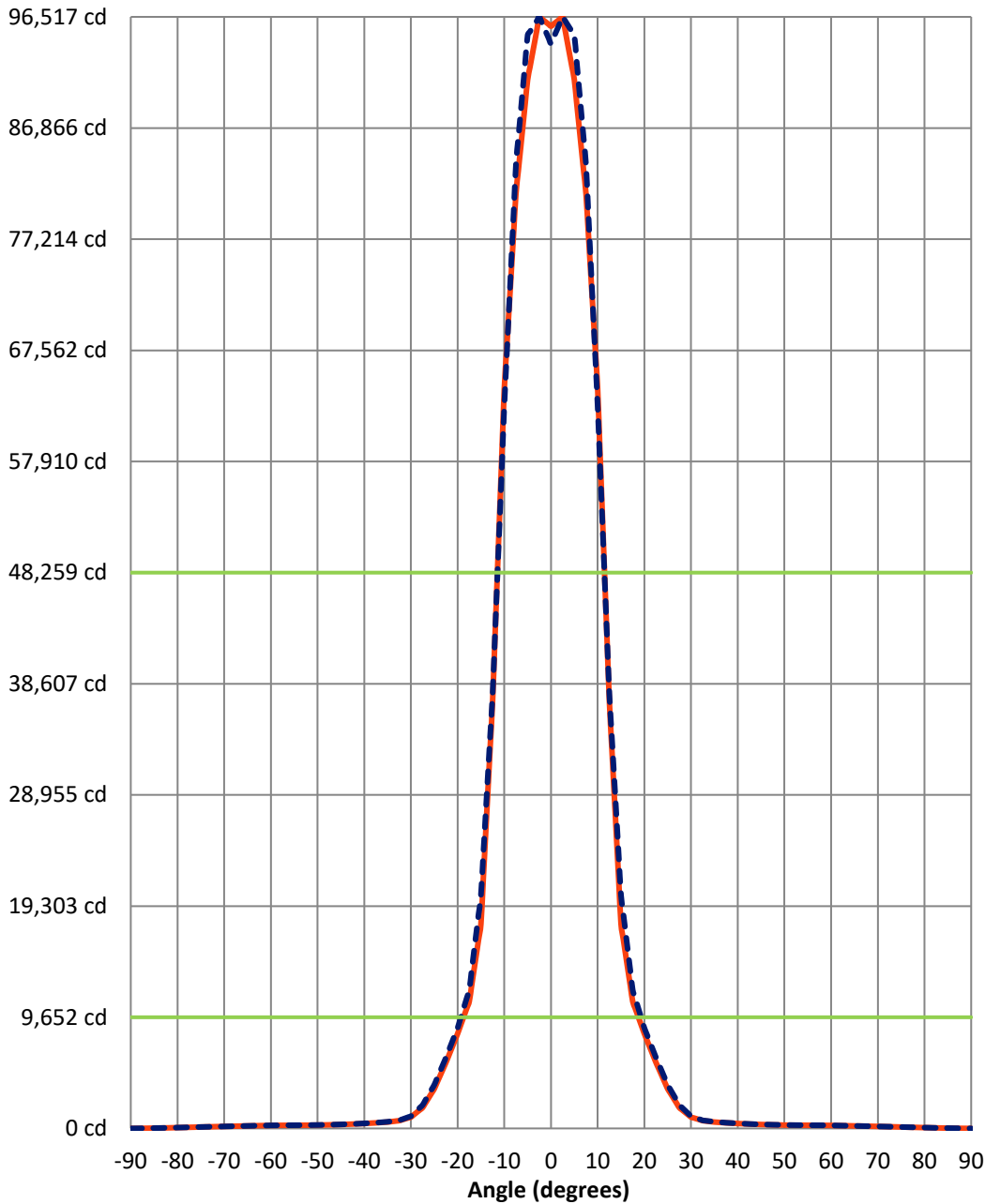
Luminous Intensity Polar Plot



— 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: 9853.3
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 14859.3
Efficiency: 81.4%

Spill:
Lumens: 3392
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	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
85°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
82.5°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.6	12.6	14.7
80°	0.0	1.8	3.5	5.3	7.0	8.8	10.7	13.3	16.1	18.9	21.8
77.5°	0.0	2.2	4.4	6.6	8.8	11.4	14.6	18.0	21.5	25.1	29.1
75°	0.0	2.6	5.3	7.9	10.7	14.7	18.5	22.6	27.0	32.1	36.9
72.5°	0.0	3.1	6.1	9.2	13.4	18.0	22.4	27.4	33.5	39.2	44.6
70°	0.0	3.5	7.0	10.6	16.1	21.3	26.4	33.2	39.9	46.3	53.9
67.5°	0.0	3.9	7.8	12.6	18.8	24.6	31.3	38.9	46.3	54.9	63.4
65°	0.0	4.3	8.6	14.6	21.4	28.2	36.2	44.5	53.9	63.4	73.0
62.5°	0.0	4.7	9.4	16.6	24.0	32.1	41.0	50.7	61.3	71.8	82.8
60°	0.0	5.1	10.2	18.6	26.5	35.9	45.6	57.1	68.5	80.6	92.5
57.5°	0.0	5.5	11.5	20.5	29.5	39.6	50.8	63.3	76.0	89.1	102.0
55°	0.0	5.8	12.7	22.3	32.3	43.2	56.0	69.3	83.4	97.4	111.3
52.5°	0.0	6.2	13.9	24.1	35.0	46.8	61.1	75.6	90.7	105.5	120.3
50°	0.0	6.6	15.1	25.9	37.7	50.9	66.0	81.8	97.6	113.4	129.3
47.5°	0.0	6.9	16.2	27.7	40.2	54.8	70.7	87.9	104.4	121.0	138.1
45°	0.0	7.2	17.3	29.5	42.7	58.6	75.7	93.7	111.0	128.8	146.7
42.5°	0.0	7.5	18.3	31.2	45.0	62.2	80.6	99.3	117.4	136.3	154.4
40°	0.0	7.8	19.3	32.9	47.5	65.6	85.2	104.6	123.6	143.6	161.7
37.5°	0.0	8.1	20.2	34.4	50.1	68.9	89.7	109.6	129.6	150.2	168.5
35°	0.0	8.4	21.1	35.9	52.6	72.3	93.9	114.4	135.3	155.9	175.0
32.5°	0.0	8.6	21.9	37.2	54.9	75.6	97.9	119.0	140.7	161.2	181.3
30°	0.0	8.8	22.7	38.5	57.1	78.7	101.5	123.2	145.6	166.2	187.1
27.5°	0.0	9.0	23.4	39.7	59.2	81.6	104.9	127.3	150.0	170.9	192.3
25°	0.0	9.2	24.1	40.8	61.1	84.3	108.0	130.9	153.8	175.2	196.9
22.5°	0.0	9.4	24.7	41.8	62.9	86.8	110.8	134.3	157.3	179.0	201.0
20°	0.0	9.6	25.2	42.7	64.6	89.0	113.4	137.3	160.4	182.4	204.6
17.5°	0.0	9.7	25.7	43.5	66.1	91.0	115.6	139.9	163.2	185.3	207.8
15°	0.0	9.9	26.1	44.2	67.4	92.7	117.5	142.2	165.6	187.7	210.5
12.5°	0.0	10.0	26.5	44.8	68.6	94.1	119.2	144.1	167.7	189.6	212.7
10°	0.0	10.0	26.8	45.2	69.6	95.3	120.5	145.7	169.4	191.7	214.5
7.5°	0.0	10.1	27.0	45.6	70.4	96.2	121.6	146.9	170.7	193.4	215.9
5°	0.0	10.2	27.2	45.9	71.0	96.8	122.3	147.8	171.6	194.8	216.7
2.5°	0.0	10.2	27.3	46.0	71.5	97.2	122.8	148.3	172.2	195.7	217.0
0°	0.0	10.2	27.3	46.1	71.7	97.3	122.9	148.5	172.4	196.3	216.8
-2.5°	0.0	10.2	27.3	46.1	71.7	97.3	122.9	148.5	172.4	196.3	216.8
-5°	0.0	10.2	27.2	45.9	71.0	96.8	122.3	147.8	171.6	194.8	216.7
-7.5°	0.0	10.1	27.0	45.6	70.4	96.2	121.6	146.9	170.7	193.4	215.9
-10°	0.0	10.0	26.8	45.2	69.6	95.3	120.5	145.7	169.4	191.7	214.5
-12.5°	0.0	10.0	26.5	44.8	68.6	94.1	119.2	144.1	167.7	189.6	212.7
-15°	0.0	9.9	26.1	44.2	67.4	92.7	117.5	142.2	165.6	187.7	210.5
-17.5°	0.0	9.7	25.7	43.5	66.1	91.0	115.6	139.9	163.2	185.3	207.8
-20°	0.0	9.6	25.2	42.7	64.6	89.0	113.4	137.3	160.4	182.4	204.6



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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	9.4	24.7	41.8	62.9	86.8	110.8	134.3	157.3	179.0	201.0
-25°	0.0	9.2	24.1	40.8	61.1	84.3	108.0	130.9	153.8	175.2	196.9
-27.5°	0.0	9.0	23.4	39.7	59.2	81.6	104.9	127.3	150.0	170.9	192.3
-30°	0.0	8.8	22.7	38.5	57.1	78.7	101.5	123.2	145.6	166.2	187.1
-32.5°	0.0	8.6	21.9	37.2	54.9	75.6	97.9	119.0	140.7	161.2	181.3
-35°	0.0	8.4	21.1	35.9	52.6	72.3	93.9	114.4	135.3	155.9	175.0
-37.5°	0.0	8.1	20.2	34.4	50.1	68.9	89.7	109.6	129.6	150.2	168.5
-40°	0.0	7.8	19.3	32.9	47.5	65.6	85.2	104.6	123.6	143.6	161.7
-42.5°	0.0	7.5	18.3	31.2	45.0	62.2	80.6	99.3	117.4	136.3	154.4
-45°	0.0	7.2	17.3	29.5	42.7	58.6	75.7	93.7	111.0	128.8	146.7
-47.5°	0.0	6.9	16.2	27.7	40.2	54.8	70.7	87.9	104.4	121.0	138.1
-50°	0.0	6.6	15.1	25.9	37.7	50.9	66.0	81.8	97.6	113.4	129.3
-52.5°	0.0	6.2	13.9	24.1	35.0	46.8	61.1	75.6	90.7	105.5	120.3
-55°	0.0	5.8	12.7	22.3	32.3	43.2	56.0	69.3	83.4	97.4	111.3
-57.5°	0.0	5.5	11.5	20.5	29.5	39.6	50.8	63.3	76.0	89.1	102.0
-60°	0.0	5.1	10.2	18.6	26.5	35.9	45.6	57.1	68.5	80.6	92.5
-62.5°	0.0	4.7	9.4	16.6	24.0	32.1	41.0	50.7	61.3	71.8	82.8
-65°	0.0	4.3	8.6	14.6	21.4	28.2	36.2	44.5	53.9	63.4	73.0
-67.5°	0.0	3.9	7.8	12.6	18.8	24.6	31.3	38.9	46.3	54.9	63.4
-70°	0.0	3.5	7.0	10.6	16.1	21.3	26.4	33.2	39.9	46.3	53.9
-72.5°	0.0	3.1	6.1	9.2	13.4	18.0	22.4	27.4	33.5	39.2	44.6
-75°	0.0	2.6	5.3	7.9	10.7	14.7	18.5	22.6	27.0	32.1	36.9
-77.5°	0.0	2.2	4.4	6.6	8.8	11.4	14.6	18.0	21.5	25.1	29.1
-80°	0.0	1.8	3.5	5.3	7.0	8.8	10.7	13.3	16.1	18.9	21.8
-82.5°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.6	12.6	14.7
-85°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-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°	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.5	7.8	8.1
85°	9.4	10.2	11.4	12.5	13.4	14.3	15.2	15.9	16.9	17.9	19.0
82.5°	16.6	18.3	19.9	21.3	22.6	23.7	24.9	26.6	28.8	30.8	32.6
80°	24.3	26.4	28.9	31.5	34.2	36.8	39.5	42.1	44.5	46.7	49.1
77.5°	32.6	36.0	39.5	43.1	46.8	50.9	54.8	58.6	62.1	65.5	68.9
75°	41.2	45.6	50.8	56.0	61.1	66.0	70.7	75.6	80.2	84.7	88.9
72.5°	50.7	57.1	63.3	69.3	75.9	82.2	88.1	93.5	99.2	104.9	110.2
70°	61.3	68.5	76.3	84.2	91.9	98.9	105.8	112.9	119.9	126.0	131.2
67.5°	71.8	80.8	89.8	98.8	107.2	115.3	123.6	131.5	138.8	145.1	151.1
65°	82.9	92.9	102.8	112.5	121.9	131.5	140.6	149.0	156.9	164.1	170.8
62.5°	93.7	104.6	115.5	126.2	137.2	147.7	157.1	166.1	174.8	182.4	189.8
60°	104.3	116.1	128.0	140.0	152.0	163.0	173.2	182.5	191.4	199.9	207.4
57.5°	114.7	127.4	140.4	153.3	165.8	177.8	188.1	198.1	207.1	215.7	223.6
55°	124.9	138.3	152.3	165.9	179.0	191.3	202.4	212.4	222.0	229.9	237.5
52.5°	135.0	149.1	163.7	178.0	191.3	204.0	215.5	225.6	234.4	242.5	249.2
50°	144.9	159.7	174.7	189.1	202.9	215.8	227.5	237.2	245.6	253.0	259.2
47.5°	154.2	169.8	184.7	199.7	213.7	226.5	237.9	247.1	255.3	261.9	267.8
45°	163.0	179.3	194.8	209.4	223.6	236.3	246.9	256.1	263.6	270.3	276.2
42.5°	171.4	188.4	204.1	218.7	232.7	244.9	255.3	263.8	271.5	278.1	284.6
40°	179.6	197.3	213.1	227.5	241.2	252.8	262.4	271.2	278.8	286.2	293.2
37.5°	187.4	205.3	221.7	236.4	248.4	259.7	269.2	277.9	286.4	294.6	304.1
35°	194.9	213.1	229.7	244.1	255.9	265.7	275.5	285.0	294.8	305.1	316.2
32.5°	201.9	220.6	237.3	250.6	261.7	271.6	281.8	293.1	304.8	316.5	330.1
30°	208.1	227.3	244.2	256.6	266.9	276.7	288.7	301.8	315.4	328.9	344.8
27.5°	213.5	233.7	249.4	261.4	271.4	281.0	294.3	311.2	325.9	340.4	357.9
25°	218.5	238.7	254.2	265.4	274.9	285.1	299.0	316.3	335.0	350.7	375.1
22.5°	222.9	243.3	258.6	269.0	277.6	288.6	302.6	319.7	338.9	358.8	392.6
20°	226.6	246.7	262.3	272.0	279.6	291.1	304.7	322.1	343.5	372.2	409.5
17.5°	229.8	250.1	265.1	274.1	282.1	293.0	305.4	323.5	348.4	384.2	425.2
15°	232.6	253.4	267.4	275.8	284.1	294.7	308.2	327.1	355.8	395.3	439.5
12.5°	234.9	256.6	269.4	277.2	285.3	296.1	311.2	332.9	364.6	406.4	455.3
10°	236.7	259.6	270.9	278.2	286.0	297.0	313.9	337.3	371.9	416.7	469.3
7.5°	238.4	261.9	272.1	279.0	286.1	297.5	316.0	340.6	377.2	425.2	481.0
5°	239.7	263.4	273.2	279.6	286.0	297.6	317.6	342.6	380.6	431.6	489.8
2.5°	240.4	264.3	274.2	279.9	285.7	297.5	318.8	346.0	384.7	436.3	495.1
0°	240.7	264.6	274.9	280.0	285.1	297.0	319.2	348.3	387.5	438.7	496.8
-2.5°	240.4	264.3	274.2	279.9	285.7	297.5	318.8	346.0	384.7	436.3	495.1
-5°	239.7	263.4	273.2	279.6	286.0	297.6	317.6	342.6	380.6	431.6	489.8
-7.5°	238.4	261.9	272.1	279.0	286.1	297.5	316.0	340.6	377.2	425.2	481.0
-10°	236.7	259.6	270.9	278.2	286.0	297.0	313.9	337.3	371.9	416.7	469.3
-12.5°	234.9	256.6	269.4	277.2	285.3	296.1	311.2	332.9	364.6	406.4	455.3
-15°	232.6	253.4	267.4	275.8	284.1	294.7	308.2	327.1	355.8	395.3	439.5
-17.5°	229.8	250.1	265.1	274.1	282.1	293.0	305.4	323.5	348.4	384.2	425.2
-20°	226.6	246.7	262.3	272.0	279.6	291.1	304.7	322.1	343.5	372.2	409.5



REPORT NUMBER: P559031 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	222.9	243.3	258.6	269.0	277.6	288.6	302.6	319.7	338.9	358.8	392.6
-25°	218.5	238.7	254.2	265.4	274.9	285.1	299.0	316.3	335.0	350.7	375.1
-27.5°	213.5	233.7	249.4	261.4	271.4	281.0	294.3	311.2	325.9	340.4	357.9
-30°	208.1	227.3	244.2	256.6	266.9	276.7	288.7	301.8	315.4	328.9	344.8
-32.5°	201.9	220.6	237.3	250.6	261.7	271.6	281.8	293.1	304.8	316.5	330.1
-35°	194.9	213.1	229.7	244.1	255.9	265.7	275.5	285.0	294.8	305.1	316.2
-37.5°	187.4	205.3	221.7	236.4	248.4	259.7	269.2	277.9	286.4	294.6	304.1
-40°	179.6	197.3	213.1	227.5	241.2	252.8	262.4	271.2	278.8	286.2	293.2
-42.5°	171.4	188.4	204.1	218.7	232.7	244.9	255.3	263.8	271.5	278.1	284.6
-45°	163.0	179.3	194.8	209.4	223.6	236.3	246.9	256.1	263.6	270.3	276.2
-47.5°	154.2	169.8	184.7	199.7	213.7	226.5	237.9	247.1	255.3	261.9	267.8
-50°	144.9	159.7	174.7	189.1	202.9	215.8	227.5	237.2	245.6	253.0	259.2
-52.5°	135.0	149.1	163.7	178.0	191.3	204.0	215.5	225.6	234.4	242.5	249.2
-55°	124.9	138.3	152.3	165.9	179.0	191.3	202.4	212.4	222.0	229.9	237.5
-57.5°	114.7	127.4	140.4	153.3	165.8	177.8	188.1	198.1	207.1	215.7	223.6
-60°	104.3	116.1	128.0	140.0	152.0	163.0	173.2	182.5	191.4	199.9	207.4
-62.5°	93.7	104.6	115.5	126.2	137.2	147.7	157.1	166.1	174.8	182.4	189.8
-65°	82.9	92.9	102.8	112.5	121.9	131.5	140.6	149.0	156.9	164.1	170.8
-67.5°	71.8	80.8	89.8	98.8	107.2	115.3	123.6	131.5	138.8	145.1	151.1
-70°	61.3	68.5	76.3	84.2	91.9	98.9	105.8	112.9	119.9	126.0	131.2
-72.5°	50.7	57.1	63.3	69.3	75.9	82.2	88.1	93.5	99.2	104.9	110.2
-75°	41.2	45.6	50.8	56.0	61.1	66.0	70.7	75.6	80.2	84.7	88.9
-77.5°	32.6	36.0	39.5	43.1	46.8	50.9	54.8	58.6	62.1	65.5	68.9
-80°	24.3	26.4	28.9	31.5	34.2	36.8	39.5	42.1	44.5	46.7	49.1
-82.5°	16.6	18.3	19.9	21.3	22.6	23.7	24.9	26.6	28.8	30.8	32.6
-85°	9.4	10.2	11.4	12.5	13.4	14.3	15.2	15.9	16.9	17.9	19.0
-87.5°	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.5	7.8	8.1
-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: P559031 (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°	8.4	8.2	8.1	7.9	7.7	8.2	8.8	9.3	9.8	10.0	10.0
85°	20.0	20.6	21.2	21.8	22.4	23.1	23.6	24.1	24.5	25.3	25.9
82.5°	34.2	35.5	36.8	38.0	39.1	40.4	41.7	42.9	44.0	44.7	45.2
80°	51.4	53.7	55.8	57.7	59.3	61.3	63.3	65.1	66.7	67.7	68.5
77.5°	72.2	75.1	77.7	80.3	82.7	85.0	86.9	88.5	89.8	91.4	92.8
75°	92.9	96.8	100.4	103.7	106.6	109.1	111.5	113.6	115.5	117.3	118.7
72.5°	115.0	119.3	123.2	126.8	130.2	133.5	136.6	139.4	141.8	143.8	145.5
70°	136.2	140.9	145.7	150.1	154.2	157.9	161.3	164.2	166.8	169.0	170.9
67.5°	156.7	162.1	167.5	172.5	176.9	180.9	184.6	188.1	191.3	193.8	195.4
65°	177.1	183.1	188.9	194.0	198.6	202.7	206.9	210.6	213.8	216.1	217.6
62.5°	196.9	203.4	209.0	214.3	219.5	223.8	227.4	230.8	233.9	236.5	238.1
60°	214.6	221.4	226.9	231.9	236.5	240.8	244.4	247.9	251.3	254.2	256.4
57.5°	230.3	236.5	242.1	246.6	250.8	254.6	258.1	261.1	263.4	265.1	266.7
55°	243.9	249.5	254.8	259.2	262.8	265.9	268.5	270.6	272.2	273.4	274.3
52.5°	255.6	260.7	265.9	270.2	273.0	275.5	277.8	280.3	281.7	281.9	281.8
50°	264.8	270.4	275.0	278.9	282.7	287.0	291.5	293.7	294.6	294.0	293.3
47.5°	273.4	278.8	283.8	288.6	294.2	301.4	308.7	312.2	311.9	310.4	309.6
45°	281.9	287.7	293.6	301.0	308.8	318.1	326.7	332.0	332.0	332.2	333.4
42.5°	290.6	297.9	306.0	316.0	326.3	336.7	345.8	352.5	357.4	363.5	368.5
40°	301.4	309.5	321.7	334.1	347.4	358.5	372.6	384.7	394.6	403.6	410.6
37.5°	314.1	325.7	341.1	357.1	374.3	391.7	408.1	423.5	436.6	451.5	462.7
35°	329.2	345.8	364.6	384.6	406.0	428.1	449.2	473.7	495.2	514.4	530.1
32.5°	347.0	367.0	390.0	416.5	443.4	472.5	502.9	534.3	564.6	596.2	627.7
30°	364.8	391.3	420.6	452.8	484.3	522.3	561.9	613.4	667.3	728.8	823.2
27.5°	386.5	418.1	452.2	489.2	532.6	581.2	657.6	752.7	915.0	1036.2	1361.8
25°	407.8	443.8	487.6	535.6	593.9	682.8	865.5	1076.7	1547.1	1987.6	2496.4
22.5°	429.3	474.2	526.7	585.3	686.5	915.6	1263.4	1900.3	2627.0	3398.4	4184.0
20°	451.0	503.9	569.7	667.5	879.4	1271.3	2052.0	3075.4	4108.0	5369.5	6460.3
17.5°	475.5	541.1	627.1	774.1	1123.2	1962.9	3117.7	4537.8	6135.7	7757.4	9119.1
15°	495.7	572.5	687.7	975.2	1634.3	2748.3	4259.4	6184.4	8363.3	10413.5	12162.2
12.5°	518.0	607.3	758.8	1138.3	2105.8	3570.4	5561.9	7930.8	10544.6	13353.8	17801.8
10°	538.5	642.4	878.2	1476.9	2649.3	4401.2	6728.2	9397.4	12567.4	18191.9	28706.2
7.5°	555.8	670.2	967.9	1729.3	3141.2	5184.9	7679.1	10651.5	15417.4	24866.9	42560.0
5°	567.6	688.7	1030.3	1918.2	3533.1	5763.0	8287.0	11477.3	18325.1	33026.3	54330.5
2.5°	575.9	698.7	1063.6	2028.3	3781.0	6145.8	8717.7	12033.0	20277.3	37745.9	62706.4
0°	582.1	701.6	1070.4	2123.7	3865.0	6275.5	8738.9	12182.2	20946.6	39588.6	65690.9
-2.5°	575.9	698.7	1063.6	2028.3	3781.0	6145.8	8717.7	12033.0	20277.3	37745.9	62706.4
-5°	567.6	688.7	1030.3	1918.2	3533.1	5763.0	8287.0	11477.3	18325.1	33026.3	54330.5
-7.5°	555.8	670.2	967.9	1729.3	3141.2	5184.9	7679.1	10651.5	15417.4	24866.9	42560.0
-10°	538.5	642.4	878.2	1476.9	2649.3	4401.2	6728.2	9397.4	12567.4	18191.9	28706.2
-12.5°	518.0	607.3	758.8	1138.3	2105.8	3570.4	5561.9	7930.8	10544.6	13353.8	17801.8
-15°	495.7	572.5	687.7	975.2	1634.3	2748.3	4259.4	6184.4	8363.3	10413.5	12162.2
-17.5°	475.5	541.1	627.1	774.1	1123.2	1962.9	3117.7	4537.8	6135.7	7757.4	9119.1
-20°	451.0	503.9	569.7	667.5	879.4	1271.3	2052.0	3075.4	4108.0	5369.5	6460.3



REPORT NUMBER: P559031 (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°	429.3	474.2	526.7	585.3	686.5	915.6	1263.4	1900.3	2627.0	3398.4	4184.0
-25°	407.8	443.8	487.6	535.6	593.9	682.8	865.5	1076.7	1547.1	1987.6	2496.4
-27.5°	386.5	418.1	452.2	489.2	532.6	581.2	657.6	752.7	915.0	1036.2	1361.8
-30°	364.8	391.3	420.6	452.8	484.3	522.3	561.9	613.4	667.3	728.8	823.2
-32.5°	347.0	367.0	390.0	416.5	443.4	472.5	502.9	534.3	564.6	596.2	627.7
-35°	329.2	345.8	364.6	384.6	406.0	428.1	449.2	473.7	495.2	514.4	530.1
-37.5°	314.1	325.7	341.1	357.1	374.3	391.7	408.1	423.5	436.6	451.5	462.7
-40°	301.4	309.5	321.7	334.1	347.4	358.5	372.6	384.7	394.6	403.6	410.6
-42.5°	290.6	297.9	306.0	316.0	326.3	336.7	345.8	352.5	357.4	363.5	368.5
-45°	281.9	287.7	293.6	301.0	308.8	318.1	326.7	332.0	332.0	332.2	333.4
-47.5°	273.4	278.8	283.8	288.6	294.2	301.4	308.7	312.2	311.9	310.4	309.6
-50°	264.8	270.4	275.0	278.9	282.7	287.0	291.5	293.7	294.6	294.0	293.3
-52.5°	255.6	260.7	265.9	270.2	273.0	275.5	277.8	280.3	281.7	281.9	281.8
-55°	243.9	249.5	254.8	259.2	262.8	265.9	268.5	270.6	272.2	273.4	274.3
-57.5°	230.3	236.5	242.1	246.6	250.8	254.6	258.1	261.1	263.4	265.1	266.7
-60°	214.6	221.4	226.9	231.9	236.5	240.8	244.4	247.9	251.3	254.2	256.4
-62.5°	196.9	203.4	209.0	214.3	219.5	223.8	227.4	230.8	233.9	236.5	238.1
-65°	177.1	183.1	188.9	194.0	198.6	202.7	206.9	210.6	213.8	216.1	217.6
-67.5°	156.7	162.1	167.5	172.5	176.9	180.9	184.6	188.1	191.3	193.8	195.4
-70°	136.2	140.9	145.7	150.1	154.2	157.9	161.3	164.2	166.8	169.0	170.9
-72.5°	115.0	119.3	123.2	126.8	130.2	133.5	136.6	139.4	141.8	143.8	145.5
-75°	92.9	96.8	100.4	103.7	106.6	109.1	111.5	113.6	115.5	117.3	118.7
-77.5°	72.2	75.1	77.7	80.3	82.7	85.0	86.9	88.5	89.8	91.4	92.8
-80°	51.4	53.7	55.8	57.7	59.3	61.3	63.3	65.1	66.7	67.7	68.5
-82.5°	34.2	35.5	36.8	38.0	39.1	40.4	41.7	42.9	44.0	44.7	45.2
-85°	20.0	20.6	21.2	21.8	22.4	23.1	23.6	24.1	24.5	25.3	25.9
-87.5°	8.4	8.2	8.1	7.9	7.7	8.2	8.8	9.3	9.8	10.0	10.0
-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: P559031 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.1	10.2	10.2	10.2	10.2	10.2	10.1	10.0	10.0	9.8	9.3
85°	26.6	27.2	26.4	25.6	26.4	27.2	26.6	25.9	25.3	24.5	24.1
82.5°	45.6	45.9	46.0	46.1	46.0	45.9	45.6	45.2	44.7	44.0	42.9
80°	69.2	69.6	70.7	71.7	70.7	69.6	69.2	68.5	67.7	66.7	65.1
77.5°	94.1	95.1	95.5	95.6	95.5	95.1	94.1	92.8	91.4	89.8	88.5
75°	119.8	120.6	122.7	124.6	122.7	120.6	119.8	118.7	117.3	115.5	113.6
72.5°	146.8	147.7	149.1	150.2	149.1	147.7	146.8	145.5	143.8	141.8	139.4
70°	172.3	173.3	173.9	174.1	173.9	173.3	172.3	170.9	169.0	166.8	164.2
67.5°	196.5	197.2	197.0	196.3	197.0	197.2	196.5	195.4	193.8	191.3	188.1
65°	218.7	219.4	219.2	218.5	219.2	219.4	218.7	217.6	216.1	213.8	210.6
62.5°	239.2	239.9	240.5	240.7	240.5	239.9	239.2	238.1	236.5	233.9	230.8
60°	258.4	260.1	260.9	261.2	260.9	260.1	258.4	256.4	254.2	251.3	247.9
57.5°	268.0	269.1	269.6	269.7	269.6	269.1	268.0	266.7	265.1	263.4	261.1
55°	274.7	274.7	274.1	273.1	274.1	274.7	274.7	274.3	273.4	272.2	270.6
52.5°	281.3	280.3	279.9	280.0	279.9	280.3	281.3	281.8	281.9	281.7	280.3
50°	292.3	290.7	290.0	290.2	290.0	290.7	292.3	293.3	294.0	294.6	293.7
47.5°	310.6	311.3	312.0	312.4	312.0	311.3	310.6	309.6	310.4	311.9	312.2
45°	336.9	339.3	340.8	341.4	340.8	339.3	336.9	333.4	332.2	332.0	332.0
42.5°	373.6	376.6	377.7	377.3	377.7	376.6	373.6	368.5	363.5	357.4	352.5
40°	417.8	423.5	426.8	426.8	426.8	423.5	417.8	410.6	403.6	394.6	384.7
37.5°	472.7	480.4	484.3	483.1	484.3	480.4	472.7	462.7	451.5	436.6	423.5
35°	542.1	549.7	552.9	556.5	552.9	549.7	542.1	530.1	514.4	495.2	473.7
32.5°	652.6	668.0	674.2	665.8	674.2	668.0	652.6	627.7	596.2	564.6	534.3
30°	887.1	943.8	981.8	1000.4	981.8	943.8	887.1	823.2	728.8	667.3	613.4
27.5°	1586.0	1734.3	1797.1	1831.8	1797.1	1734.3	1586.0	1361.8	1036.2	915.0	752.7
25°	2932.1	3248.7	3430.9	3416.0	3430.9	3248.7	2932.1	2496.4	1987.6	1547.1	1076.7
22.5°	4913.9	5413.4	5713.0	5823.1	5713.0	5413.4	4913.9	4184.0	3398.4	2627.0	1900.3
20°	7370.9	7931.0	8223.8	8267.7	8223.8	7931.0	7370.9	6460.3	5369.5	4108.0	3075.4
17.5°	10190.7	10721.7	11030.3	11026.4	11030.3	10721.7	10190.7	9119.1	7757.4	6135.7	4537.8
15°	14544.0	16599.1	17757.9	17588.7	17757.9	16599.1	14544.0	12162.2	10413.5	8363.3	6184.4
12.5°	23831.4	32039.6	37131.2	38388.5	37131.2	32039.6	23831.4	17801.8	13353.8	10544.6	7930.8
10°	42113.3	54393.3	64200.3	67034.4	64200.3	54393.3	42113.3	28706.2	18191.9	12567.4	9397.4
7.5°	60577.2	75151.6	81149.6	81846.4	81149.6	75151.6	60577.2	42560.0	24866.9	15417.4	10651.5
5°	74513.8	89343.7	91060.3	86748.5	91060.3	89343.7	74513.8	54330.5	33026.3	18325.1	11477.3
2.5°	83713.2	94917.5	96517.5	94196.8	96517.5	94917.5	83713.2	62706.4	37745.9	20277.3	12033.0
0°	85811.3	93435.4	95708.4	95956.8	95708.4	93435.4	85811.3	65690.9	39588.6	20946.6	12182.2
-2.5°	83713.2	94917.5	96517.5	94196.8	96517.5	94917.5	83713.2	62706.4	37745.9	20277.3	12033.0
-5°	74513.8	89343.7	91060.3	86748.5	91060.3	89343.7	74513.8	54330.5	33026.3	18325.1	11477.3
-7.5°	60577.2	75151.6	81149.6	81846.4	81149.6	75151.6	60577.2	42560.0	24866.9	15417.4	10651.5
-10°	42113.3	54393.3	64200.3	67034.4	64200.3	54393.3	42113.3	28706.2	18191.9	12567.4	9397.4
-12.5°	23831.4	32039.6	37131.2	38388.5	37131.2	32039.6	23831.4	17801.8	13353.8	10544.6	7930.8
-15°	14544.0	16599.1	17757.9	17588.7	17757.9	16599.1	14544.0	12162.2	10413.5	8363.3	6184.4
-17.5°	10190.7	10721.7	11030.3	11026.4	11030.3	10721.7	10190.7	9119.1	7757.4	6135.7	4537.8
-20°	7370.9	7931.0	8223.8	8267.7	8223.8	7931.0	7370.9	6460.3	5369.5	4108.0	3075.4



REPORT NUMBER: P559031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4913.9	5413.4	5713.0	5823.1	5713.0	5413.4	4913.9	4184.0	3398.4	2627.0	1900.3
-25°	2932.1	3248.7	3430.9	3416.0	3430.9	3248.7	2932.1	2496.4	1987.6	1547.1	1076.7
-27.5°	1586.0	1734.3	1797.1	1831.8	1797.1	1734.3	1586.0	1361.8	1036.2	915.0	752.7
-30°	887.1	943.8	981.8	1000.4	981.8	943.8	887.1	823.2	728.8	667.3	613.4
-32.5°	652.6	668.0	674.2	665.8	674.2	668.0	652.6	627.7	596.2	564.6	534.3
-35°	542.1	549.7	552.9	556.5	552.9	549.7	542.1	530.1	514.4	495.2	473.7
-37.5°	472.7	480.4	484.3	483.1	484.3	480.4	472.7	462.7	451.5	436.6	423.5
-40°	417.8	423.5	426.8	426.8	426.8	423.5	417.8	410.6	403.6	394.6	384.7
-42.5°	373.6	376.6	377.7	377.3	377.7	376.6	373.6	368.5	363.5	357.4	352.5
-45°	336.9	339.3	340.8	341.4	340.8	339.3	336.9	333.4	332.2	332.0	332.0
-47.5°	310.6	311.3	312.0	312.4	312.0	311.3	310.6	309.6	310.4	311.9	312.2
-50°	292.3	290.7	290.0	290.2	290.0	290.7	292.3	293.3	294.0	294.6	293.7
-52.5°	281.3	280.3	279.9	280.0	279.9	280.3	281.3	281.8	281.9	281.7	280.3
-55°	274.7	274.7	274.1	273.1	274.1	274.7	274.7	274.3	273.4	272.2	270.6
-57.5°	268.0	269.1	269.6	269.7	269.6	269.1	268.0	266.7	265.1	263.4	261.1
-60°	258.4	260.1	260.9	261.2	260.9	260.1	258.4	256.4	254.2	251.3	247.9
-62.5°	239.2	239.9	240.5	240.7	240.5	239.9	239.2	238.1	236.5	233.9	230.8
-65°	218.7	219.4	219.2	218.5	219.2	219.4	218.7	217.6	216.1	213.8	210.6
-67.5°	196.5	197.2	197.0	196.3	197.0	197.2	196.5	195.4	193.8	191.3	188.1
-70°	172.3	173.3	173.9	174.1	173.9	173.3	172.3	170.9	169.0	166.8	164.2
-72.5°	146.8	147.7	149.1	150.2	149.1	147.7	146.8	145.5	143.8	141.8	139.4
-75°	119.8	120.6	122.7	124.6	122.7	120.6	119.8	118.7	117.3	115.5	113.6
-77.5°	94.1	95.1	95.5	95.6	95.5	95.1	94.1	92.8	91.4	89.8	88.5
-80°	69.2	69.6	70.7	71.7	70.7	69.6	69.2	68.5	67.7	66.7	65.1
-82.5°	45.6	45.9	46.0	46.1	46.0	45.9	45.6	45.2	44.7	44.0	42.9
-85°	26.6	27.2	26.4	25.6	26.4	27.2	26.6	25.9	25.3	24.5	24.1
-87.5°	10.1	10.2	10.2	10.2	10.2	10.2	10.1	10.0	10.0	9.8	9.3
-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: P559031 (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°	8.8	8.2	7.7	7.9	8.1	8.2	8.4	8.1	7.8	7.5	7.2
85°	23.6	23.1	22.4	21.8	21.2	20.6	20.0	19.0	17.9	16.9	15.9
82.5°	41.7	40.4	39.1	38.0	36.8	35.5	34.2	32.6	30.8	28.8	26.6
80°	63.3	61.3	59.3	57.7	55.8	53.7	51.4	49.1	46.7	44.5	42.1
77.5°	86.9	85.0	82.7	80.3	77.7	75.1	72.2	68.9	65.5	62.1	58.6
75°	111.5	109.1	106.6	103.7	100.4	96.8	92.9	88.9	84.7	80.2	75.6
72.5°	136.6	133.5	130.2	126.8	123.2	119.3	115.0	110.2	104.9	99.2	93.5
70°	161.3	157.9	154.2	150.1	145.7	140.9	136.2	131.2	126.0	119.9	112.9
67.5°	184.6	180.9	176.9	172.5	167.5	162.1	156.7	151.1	145.1	138.8	131.5
65°	206.9	202.7	198.6	194.0	188.9	183.1	177.1	170.8	164.1	156.9	149.0
62.5°	227.4	223.8	219.5	214.3	209.0	203.4	196.9	189.8	182.4	174.8	166.1
60°	244.4	240.8	236.5	231.9	226.9	221.4	214.6	207.4	199.9	191.4	182.5
57.5°	258.1	254.6	250.8	246.6	242.1	236.5	230.3	223.6	215.7	207.1	198.1
55°	268.5	265.9	262.8	259.2	254.8	249.5	243.9	237.5	229.9	222.0	212.4
52.5°	277.8	275.5	273.0	270.2	265.9	260.7	255.6	249.2	242.5	234.4	225.6
50°	291.5	287.0	282.7	278.9	275.0	270.4	264.8	259.2	253.0	245.6	237.2
47.5°	308.7	301.4	294.2	288.6	283.8	278.8	273.4	267.8	261.9	255.3	247.1
45°	326.7	318.1	308.8	301.0	293.6	287.7	281.9	276.2	270.3	263.6	256.1
42.5°	345.8	336.7	326.3	316.0	306.0	297.9	290.6	284.6	278.1	271.5	263.8
40°	372.6	358.5	347.4	334.1	321.7	309.5	301.4	293.2	286.2	278.8	271.2
37.5°	408.1	391.7	374.3	357.1	341.1	325.7	314.1	304.1	294.6	286.4	277.9
35°	449.2	428.1	406.0	384.6	364.6	345.8	329.2	316.2	305.1	294.8	285.0
32.5°	502.9	472.5	443.4	416.5	390.0	367.0	347.0	330.1	316.5	304.8	293.1
30°	561.9	522.3	484.3	452.8	420.6	391.3	364.8	344.8	328.9	315.4	301.8
27.5°	657.6	581.2	532.6	489.2	452.2	418.1	386.5	357.9	340.4	325.9	311.2
25°	865.5	682.8	593.9	535.6	487.6	443.8	407.8	375.1	350.7	335.0	316.3
22.5°	1263.4	915.6	686.5	585.3	526.7	474.2	429.3	392.6	358.8	338.9	319.7
20°	2052.0	1271.3	879.4	667.5	569.7	503.9	451.0	409.5	372.2	343.5	322.1
17.5°	3117.7	1962.9	1123.2	774.1	627.1	541.1	475.5	425.2	384.2	348.4	323.5
15°	4259.4	2748.3	1634.3	975.2	687.7	572.5	495.7	439.5	395.3	355.8	327.1
12.5°	5561.9	3570.4	2105.8	1138.3	758.8	607.3	518.0	455.3	406.4	364.6	332.9
10°	6728.2	4401.2	2649.3	1476.9	878.2	642.4	538.5	469.3	416.7	371.9	337.3
7.5°	7679.1	5184.9	3141.2	1729.3	967.9	670.2	555.8	481.0	425.2	377.2	340.6
5°	8287.0	5763.0	3533.1	1918.2	1030.3	688.7	567.6	489.8	431.6	380.6	342.6
2.5°	8717.7	6145.8	3781.0	2028.3	1063.6	698.7	575.9	495.1	436.3	384.7	346.0
0°	8738.9	6275.5	3865.0	2123.7	1070.4	701.6	582.1	496.8	438.7	387.5	348.3
-2.5°	8717.7	6145.8	3781.0	2028.3	1063.6	698.7	575.9	495.1	436.3	384.7	346.0
-5°	8287.0	5763.0	3533.1	1918.2	1030.3	688.7	567.6	489.8	431.6	380.6	342.6
-7.5°	7679.1	5184.9	3141.2	1729.3	967.9	670.2	555.8	481.0	425.2	377.2	340.6
-10°	6728.2	4401.2	2649.3	1476.9	878.2	642.4	538.5	469.3	416.7	371.9	337.3
-12.5°	5561.9	3570.4	2105.8	1138.3	758.8	607.3	518.0	455.3	406.4	364.6	332.9
-15°	4259.4	2748.3	1634.3	975.2	687.7	572.5	495.7	439.5	395.3	355.8	327.1
-17.5°	3117.7	1962.9	1123.2	774.1	627.1	541.1	475.5	425.2	384.2	348.4	323.5
-20°	2052.0	1271.3	879.4	667.5	569.7	503.9	451.0	409.5	372.2	343.5	322.1



REPORT NUMBER: P559031 (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°	1263.4	915.6	686.5	585.3	526.7	474.2	429.3	392.6	358.8	338.9	319.7
-25°	865.5	682.8	593.9	535.6	487.6	443.8	407.8	375.1	350.7	335.0	316.3
-27.5°	657.6	581.2	532.6	489.2	452.2	418.1	386.5	357.9	340.4	325.9	311.2
-30°	561.9	522.3	484.3	452.8	420.6	391.3	364.8	344.8	328.9	315.4	301.8
-32.5°	502.9	472.5	443.4	416.5	390.0	367.0	347.0	330.1	316.5	304.8	293.1
-35°	449.2	428.1	406.0	384.6	364.6	345.8	329.2	316.2	305.1	294.8	285.0
-37.5°	408.1	391.7	374.3	357.1	341.1	325.7	314.1	304.1	294.6	286.4	277.9
-40°	372.6	358.5	347.4	334.1	321.7	309.5	301.4	293.2	286.2	278.8	271.2
-42.5°	345.8	336.7	326.3	316.0	306.0	297.9	290.6	284.6	278.1	271.5	263.8
-45°	326.7	318.1	308.8	301.0	293.6	287.7	281.9	276.2	270.3	263.6	256.1
-47.5°	308.7	301.4	294.2	288.6	283.8	278.8	273.4	267.8	261.9	255.3	247.1
-50°	291.5	287.0	282.7	278.9	275.0	270.4	264.8	259.2	253.0	245.6	237.2
-52.5°	277.8	275.5	273.0	270.2	265.9	260.7	255.6	249.2	242.5	234.4	225.6
-55°	268.5	265.9	262.8	259.2	254.8	249.5	243.9	237.5	229.9	222.0	212.4
-57.5°	258.1	254.6	250.8	246.6	242.1	236.5	230.3	223.6	215.7	207.1	198.1
-60°	244.4	240.8	236.5	231.9	226.9	221.4	214.6	207.4	199.9	191.4	182.5
-62.5°	227.4	223.8	219.5	214.3	209.0	203.4	196.9	189.8	182.4	174.8	166.1
-65°	206.9	202.7	198.6	194.0	188.9	183.1	177.1	170.8	164.1	156.9	149.0
-67.5°	184.6	180.9	176.9	172.5	167.5	162.1	156.7	151.1	145.1	138.8	131.5
-70°	161.3	157.9	154.2	150.1	145.7	140.9	136.2	131.2	126.0	119.9	112.9
-72.5°	136.6	133.5	130.2	126.8	123.2	119.3	115.0	110.2	104.9	99.2	93.5
-75°	111.5	109.1	106.6	103.7	100.4	96.8	92.9	88.9	84.7	80.2	75.6
-77.5°	86.9	85.0	82.7	80.3	77.7	75.1	72.2	68.9	65.5	62.1	58.6
-80°	63.3	61.3	59.3	57.7	55.8	53.7	51.4	49.1	46.7	44.5	42.1
-82.5°	41.7	40.4	39.1	38.0	36.8	35.5	34.2	32.6	30.8	28.8	26.6
-85°	23.6	23.1	22.4	21.8	21.2	20.6	20.0	19.0	17.9	16.9	15.9
-87.5°	8.8	8.2	7.7	7.9	8.1	8.2	8.4	8.1	7.8	7.5	7.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559031 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.9	3.5	3.1
85°	15.2	14.3	13.4	12.5	11.4	10.2	9.4	8.6	7.8	7.0	6.1
82.5°	24.9	23.7	22.6	21.3	19.9	18.3	16.6	14.7	12.6	10.6	9.2
80°	39.5	36.8	34.2	31.5	28.9	26.4	24.3	21.8	18.9	16.1	13.3
77.5°	54.8	50.9	46.8	43.1	39.5	36.0	32.6	29.1	25.1	21.5	18.0
75°	70.7	66.0	61.1	56.0	50.8	45.6	41.2	36.9	32.1	27.0	22.6
72.5°	88.1	82.2	75.9	69.3	63.3	57.1	50.7	44.6	39.2	33.5	27.4
70°	105.8	98.9	91.9	84.2	76.3	68.5	61.3	53.9	46.3	39.9	33.2
67.5°	123.6	115.3	107.2	98.8	89.8	80.8	71.8	63.4	54.9	46.3	38.9
65°	140.6	131.5	121.9	112.5	102.8	92.9	82.9	73.0	63.4	53.9	44.5
62.5°	157.1	147.7	137.2	126.2	115.5	104.6	93.7	82.8	71.8	61.3	50.7
60°	173.2	163.0	152.0	140.0	128.0	116.1	104.3	92.5	80.6	68.5	57.1
57.5°	188.1	177.8	165.8	153.3	140.4	127.4	114.7	102.0	89.1	76.0	63.3
55°	202.4	191.3	179.0	165.9	152.3	138.3	124.9	111.3	97.4	83.4	69.3
52.5°	215.5	204.0	191.3	178.0	163.7	149.1	135.0	120.3	105.5	90.7	75.6
50°	227.5	215.8	202.9	189.1	174.7	159.7	144.9	129.3	113.4	97.6	81.8
47.5°	237.9	226.5	213.7	199.7	184.7	169.8	154.2	138.1	121.0	104.4	87.9
45°	246.9	236.3	223.6	209.4	194.8	179.3	163.0	146.7	128.8	111.0	93.7
42.5°	255.3	244.9	232.7	218.7	204.1	188.4	171.4	154.4	136.3	117.4	99.3
40°	262.4	252.8	241.2	227.5	213.1	197.3	179.6	161.7	143.6	123.6	104.6
37.5°	269.2	259.7	248.4	236.4	221.7	205.3	187.4	168.5	150.2	129.6	109.6
35°	275.5	265.7	255.9	244.1	229.7	213.1	194.9	175.0	155.9	135.3	114.4
32.5°	281.8	271.6	261.7	250.6	237.3	220.6	201.9	181.3	161.2	140.7	119.0
30°	288.7	276.7	266.9	256.6	244.2	227.3	208.1	187.1	166.2	145.6	123.2
27.5°	294.3	281.0	271.4	261.4	249.4	233.7	213.5	192.3	170.9	150.0	127.3
25°	299.0	285.1	274.9	265.4	254.2	238.7	218.5	196.9	175.2	153.8	130.9
22.5°	302.6	288.6	277.6	269.0	258.6	243.3	222.9	201.0	179.0	157.3	134.3
20°	304.7	291.1	279.6	272.0	262.3	246.7	226.6	204.6	182.4	160.4	137.3
17.5°	305.4	293.0	282.1	274.1	265.1	250.1	229.8	207.8	185.3	163.2	139.9
15°	308.2	294.7	284.1	275.8	267.4	253.4	232.6	210.5	187.7	165.6	142.2
12.5°	311.2	296.1	285.3	277.2	269.4	256.6	234.9	212.7	189.6	167.7	144.1
10°	313.9	297.0	286.0	278.2	270.9	259.6	236.7	214.5	191.7	169.4	145.7
7.5°	316.0	297.5	286.1	279.0	272.1	261.9	238.4	215.9	193.4	170.7	146.9
5°	317.6	297.6	286.0	279.6	273.2	263.4	239.7	216.7	194.8	171.6	147.8
2.5°	318.8	297.5	285.7	279.9	274.2	264.3	240.4	217.0	195.7	172.2	148.3
0°	319.2	297.0	285.1	280.0	274.9	264.6	240.7	216.8	196.3	172.4	148.5
-2.5°	318.8	297.5	285.7	279.9	274.2	264.3	240.4	217.0	195.7	172.2	148.3
-5°	317.6	297.6	286.0	279.6	273.2	263.4	239.7	216.7	194.8	171.6	147.8
-7.5°	316.0	297.5	286.1	279.0	272.1	261.9	238.4	215.9	193.4	170.7	146.9
-10°	313.9	297.0	286.0	278.2	270.9	259.6	236.7	214.5	191.7	169.4	145.7
-12.5°	311.2	296.1	285.3	277.2	269.4	256.6	234.9	212.7	189.6	167.7	144.1
-15°	308.2	294.7	284.1	275.8	267.4	253.4	232.6	210.5	187.7	165.6	142.2
-17.5°	305.4	293.0	282.1	274.1	265.1	250.1	229.8	207.8	185.3	163.2	139.9
-20°	304.7	291.1	279.6	272.0	262.3	246.7	226.6	204.6	182.4	160.4	137.3



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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°	302.6	288.6	277.6	269.0	258.6	243.3	222.9	201.0	179.0	157.3	134.3
-25°	299.0	285.1	274.9	265.4	254.2	238.7	218.5	196.9	175.2	153.8	130.9
-27.5°	294.3	281.0	271.4	261.4	249.4	233.7	213.5	192.3	170.9	150.0	127.3
-30°	288.7	276.7	266.9	256.6	244.2	227.3	208.1	187.1	166.2	145.6	123.2
-32.5°	281.8	271.6	261.7	250.6	237.3	220.6	201.9	181.3	161.2	140.7	119.0
-35°	275.5	265.7	255.9	244.1	229.7	213.1	194.9	175.0	155.9	135.3	114.4
-37.5°	269.2	259.7	248.4	236.4	221.7	205.3	187.4	168.5	150.2	129.6	109.6
-40°	262.4	252.8	241.2	227.5	213.1	197.3	179.6	161.7	143.6	123.6	104.6
-42.5°	255.3	244.9	232.7	218.7	204.1	188.4	171.4	154.4	136.3	117.4	99.3
-45°	246.9	236.3	223.6	209.4	194.8	179.3	163.0	146.7	128.8	111.0	93.7
-47.5°	237.9	226.5	213.7	199.7	184.7	169.8	154.2	138.1	121.0	104.4	87.9
-50°	227.5	215.8	202.9	189.1	174.7	159.7	144.9	129.3	113.4	97.6	81.8
-52.5°	215.5	204.0	191.3	178.0	163.7	149.1	135.0	120.3	105.5	90.7	75.6
-55°	202.4	191.3	179.0	165.9	152.3	138.3	124.9	111.3	97.4	83.4	69.3
-57.5°	188.1	177.8	165.8	153.3	140.4	127.4	114.7	102.0	89.1	76.0	63.3
-60°	173.2	163.0	152.0	140.0	128.0	116.1	104.3	92.5	80.6	68.5	57.1
-62.5°	157.1	147.7	137.2	126.2	115.5	104.6	93.7	82.8	71.8	61.3	50.7
-65°	140.6	131.5	121.9	112.5	102.8	92.9	82.9	73.0	63.4	53.9	44.5
-67.5°	123.6	115.3	107.2	98.8	89.8	80.8	71.8	63.4	54.9	46.3	38.9
-70°	105.8	98.9	91.9	84.2	76.3	68.5	61.3	53.9	46.3	39.9	33.2
-72.5°	88.1	82.2	75.9	69.3	63.3	57.1	50.7	44.6	39.2	33.5	27.4
-75°	70.7	66.0	61.1	56.0	50.8	45.6	41.2	36.9	32.1	27.0	22.6
-77.5°	54.8	50.9	46.8	43.1	39.5	36.0	32.6	29.1	25.1	21.5	18.0
-80°	39.5	36.8	34.2	31.5	28.9	26.4	24.3	21.8	18.9	16.1	13.3
-82.5°	24.9	23.7	22.6	21.3	19.9	18.3	16.6	14.7	12.6	10.6	9.2
-85°	15.2	14.3	13.4	12.5	11.4	10.2	9.4	8.6	7.8	7.0	6.1
-87.5°	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.9	3.5	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
82.5°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
80°	10.7	8.8	7.0	5.3	3.5	1.8	0.0
77.5°	14.6	11.4	8.8	6.6	4.4	2.2	0.0
75°	18.5	14.7	10.7	7.9	5.3	2.6	0.0
72.5°	22.4	18.0	13.4	9.2	6.1	3.1	0.0
70°	26.4	21.3	16.1	10.6	7.0	3.5	0.0
67.5°	31.3	24.6	18.8	12.6	7.8	3.9	0.0
65°	36.2	28.2	21.4	14.6	8.6	4.3	0.0
62.5°	41.0	32.1	24.0	16.6	9.4	4.7	0.0
60°	45.6	35.9	26.5	18.6	10.2	5.1	0.0
57.5°	50.8	39.6	29.5	20.5	11.5	5.5	0.0
55°	56.0	43.2	32.3	22.3	12.7	5.8	0.0
52.5°	61.1	46.8	35.0	24.1	13.9	6.2	0.0
50°	66.0	50.9	37.7	25.9	15.1	6.6	0.0
47.5°	70.7	54.8	40.2	27.7	16.2	6.9	0.0
45°	75.7	58.6	42.7	29.5	17.3	7.2	0.0
42.5°	80.6	62.2	45.0	31.2	18.3	7.5	0.0
40°	85.2	65.6	47.5	32.9	19.3	7.8	0.0
37.5°	89.7	68.9	50.1	34.4	20.2	8.1	0.0
35°	93.9	72.3	52.6	35.9	21.1	8.4	0.0
32.5°	97.9	75.6	54.9	37.2	21.9	8.6	0.0
30°	101.5	78.7	57.1	38.5	22.7	8.8	0.0
27.5°	104.9	81.6	59.2	39.7	23.4	9.0	0.0
25°	108.0	84.3	61.1	40.8	24.1	9.2	0.0
22.5°	110.8	86.8	62.9	41.8	24.7	9.4	0.0
20°	113.4	89.0	64.6	42.7	25.2	9.6	0.0
17.5°	115.6	91.0	66.1	43.5	25.7	9.7	0.0
15°	117.5	92.7	67.4	44.2	26.1	9.9	0.0
12.5°	119.2	94.1	68.6	44.8	26.5	10.0	0.0
10°	120.5	95.3	69.6	45.2	26.8	10.0	0.0
7.5°	121.6	96.2	70.4	45.6	27.0	10.1	0.0
5°	122.3	96.8	71.0	45.9	27.2	10.2	0.0
2.5°	122.8	97.2	71.5	46.0	27.3	10.2	0.0
0°	122.9	97.3	71.7	46.1	27.3	10.2	0.0
-2.5°	122.8	97.2	71.5	46.0	27.3	10.2	0.0
-5°	122.3	96.8	71.0	45.9	27.2	10.2	0.0
-7.5°	121.6	96.2	70.4	45.6	27.0	10.1	0.0
-10°	120.5	95.3	69.6	45.2	26.8	10.0	0.0
-12.5°	119.2	94.1	68.6	44.8	26.5	10.0	0.0
-15°	117.5	92.7	67.4	44.2	26.1	9.9	0.0
-17.5°	115.6	91.0	66.1	43.5	25.7	9.7	0.0
-20°	113.4	89.0	64.6	42.7	25.2	9.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	110.8	86.8	62.9	41.8	24.7	9.4	0.0
-25°	108.0	84.3	61.1	40.8	24.1	9.2	0.0
-27.5°	104.9	81.6	59.2	39.7	23.4	9.0	0.0
-30°	101.5	78.7	57.1	38.5	22.7	8.8	0.0
-32.5°	97.9	75.6	54.9	37.2	21.9	8.6	0.0
-35°	93.9	72.3	52.6	35.9	21.1	8.4	0.0
-37.5°	89.7	68.9	50.1	34.4	20.2	8.1	0.0
-40°	85.2	65.6	47.5	32.9	19.3	7.8	0.0
-42.5°	80.6	62.2	45.0	31.2	18.3	7.5	0.0
-45°	75.7	58.6	42.7	29.5	17.3	7.2	0.0
-47.5°	70.7	54.8	40.2	27.7	16.2	6.9	0.0
-50°	66.0	50.9	37.7	25.9	15.1	6.6	0.0
-52.5°	61.1	46.8	35.0	24.1	13.9	6.2	0.0
-55°	56.0	43.2	32.3	22.3	12.7	5.8	0.0
-57.5°	50.8	39.6	29.5	20.5	11.5	5.5	0.0
-60°	45.6	35.9	26.5	18.6	10.2	5.1	0.0
-62.5°	41.0	32.1	24.0	16.6	9.4	4.7	0.0
-65°	36.2	28.2	21.4	14.6	8.6	4.3	0.0
-67.5°	31.3	24.6	18.8	12.6	7.8	3.9	0.0
-70°	26.4	21.3	16.1	10.6	7.0	3.5	0.0
-72.5°	22.4	18.0	13.4	9.2	6.1	3.1	0.0
-75°	18.5	14.7	10.7	7.9	5.3	2.6	0.0
-77.5°	14.6	11.4	8.8	6.6	4.4	2.2	0.0
-80°	10.7	8.8	7.0	5.3	3.5	1.8	0.0
-82.5°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
-85°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-87.5°	2.6	2.2	1.8	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)