

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: P558892 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558892 (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-SA4B-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

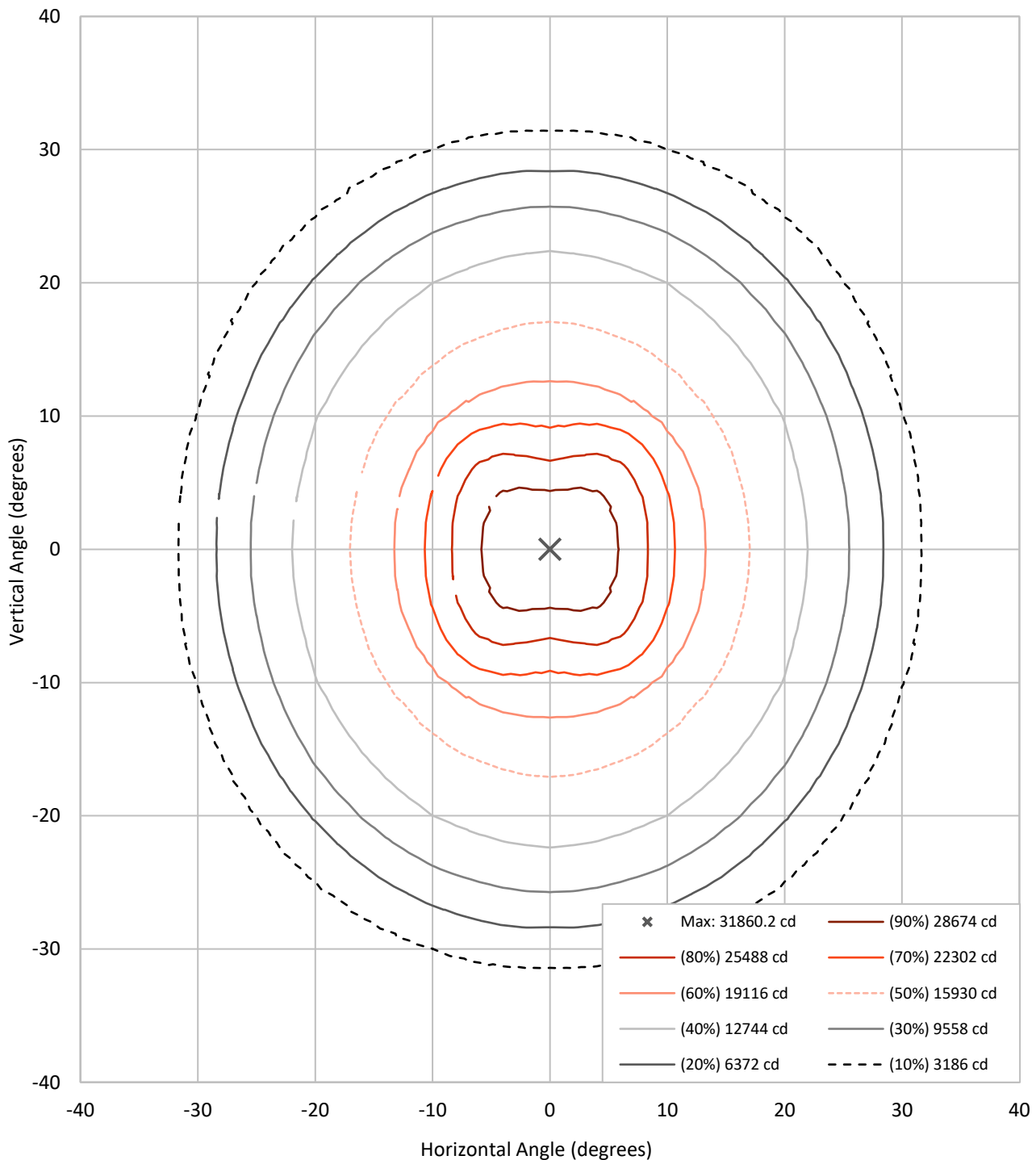
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	14094.1 lumens	Max Intensity:	31860.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6003.2 lumens	Field Lumens:	12269.3 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 126
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





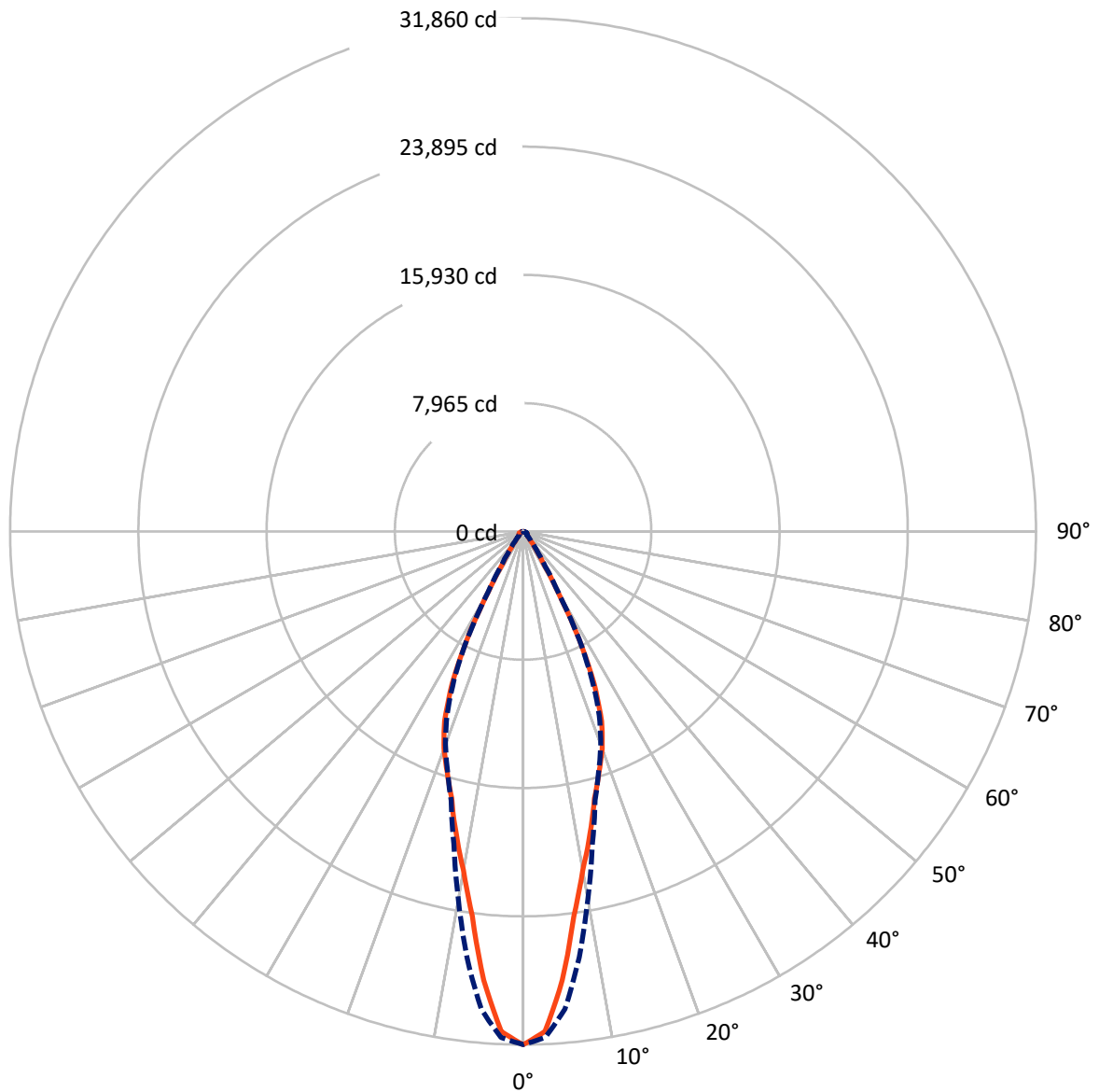
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Lumen Table

90	0.2		1.6		4.4		7.2		8.4		7.2		4.4		1.6		0.2
80	0.2		1.6		4.4		7.2		8.4		7.2		4.4		1.6		0.2
70	0.7	0.8	1.8	3.1	4.5	5.9	6.9	7.4	7.4	6.9	5.9	4.5	3.1	1.8	0.8	0.7	
60		1.3	2.9	5.0	6.8	7.7	8.1	8.3	8.3	8.1	7.7	6.8	5.0	2.9	1.3		
50	1.3	1.8	4.0	6.0	7.0	8.7	11.1	12.8	12.8	11.1	8.7	7.0	6.0	4.0	1.8	1.3	
40		2.3	4.7	6.1	9.1	18.0	34.2	52.2	52.2	34.2	18.0	9.1	6.1	4.7	2.3		
30	1.8	2.7	4.8	6.8	16.5	54.8	172.5	283.9	283.9	172.5	54.8	16.5	6.8	4.8	2.7	1.8	
20		3.0	4.8	8.3	30.8	162.6	384.1	508.8	508.8	384.1	162.6	30.8	8.3	4.8	3.0		
10	2.0	3.1	4.8	9.6	46.8	256.1	499.6	788.3	788.3	499.6	256.1	46.8	9.6	4.8	3.1	2.0	
0		3.1	4.8	9.6	46.8	256.1	499.6	788.3	788.3	499.6	256.1	46.8	9.6	4.8	3.1		
-10	1.8	3.0	4.8	8.3	30.8	162.6	384.1	508.8	508.8	384.1	162.6	30.8	8.3	4.8	3.0	1.8	
-20		2.7	4.8	6.8	16.5	54.8	172.5	283.9	283.9	172.5	54.8	16.5	6.8	4.8	2.7		
-30	1.3	2.3	4.7	6.1	9.1	18.0	34.2	52.2	52.2	34.2	18.0	9.1	6.1	4.7	2.3	1.3	
-40		1.8	4.0	6.0	7.0	8.7	11.1	12.8	12.8	11.1	8.7	7.0	6.0	4.0	1.8		
-50	0.7	1.3	2.9	5.0	6.8	7.7	8.1	8.3	8.3	8.1	7.7	6.8	5.0	2.9	1.3	0.7	
-60		0.8	1.8	3.1	4.5	5.9	6.9	7.4	7.4	6.9	5.9	4.5	3.1	1.8	0.8		
-70	0.2		1.6		4.4		7.2		8.4		7.2		4.4		1.6		0.2
-80	0.2		1.6		4.4		7.2		8.4		7.2		4.4		1.6		0.2
-90	0.2		1.6		4.4		7.2		8.4		7.2		4.4		1.6		0.2

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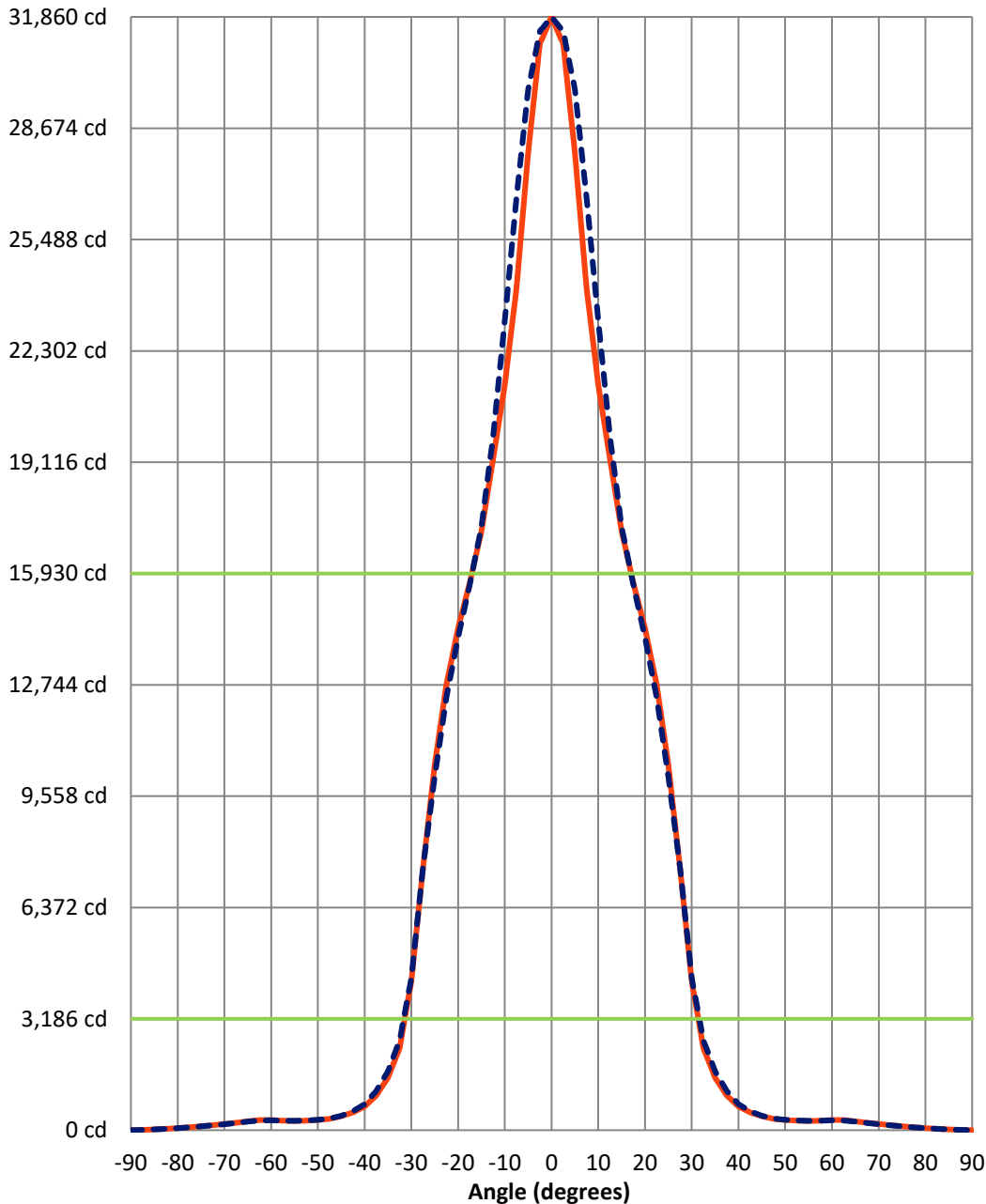
Luminous Intensity Polar Plot



— 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: 6003.2
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 12269.3
Efficiency: 87.1%

Spill:
Lumens: 1824.8
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	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.4	10.1	11.7
80°	0.0	1.4	2.8	4.2	5.6	7.0	8.6	11.0	13.3	15.4	17.4
77.5°	0.0	1.8	3.5	5.2	7.0	9.2	12.3	15.3	18.1	20.6	23.3
75°	0.0	2.1	4.2	6.3	8.5	12.2	16.1	19.6	22.9	26.4	29.9
72.5°	0.0	2.4	4.9	7.3	10.9	15.2	19.7	23.9	28.0	32.2	36.5
70°	0.0	2.8	5.5	8.4	13.2	18.2	23.4	28.2	33.0	38.0	44.4
67.5°	0.0	3.1	6.2	10.1	15.5	21.1	27.0	32.5	38.0	45.3	52.5
65°	0.0	3.4	6.8	11.7	17.7	24.1	30.6	36.6	44.4	52.5	61.1
62.5°	0.0	3.7	7.5	13.3	19.9	27.1	34.1	41.7	50.7	59.9	71.0
60°	0.0	4.0	8.1	14.9	22.0	30.2	37.7	47.1	56.9	68.7	80.7
57.5°	0.0	4.4	9.1	16.4	24.4	33.1	42.1	52.4	64.2	77.3	90.7
55°	0.0	4.6	10.1	17.9	26.8	36.1	46.6	57.6	71.6	85.7	100.5
52.5°	0.0	4.9	11.1	19.3	29.2	39.1	50.9	63.8	78.8	94.1	109.9
50°	0.0	5.2	12.0	20.7	31.5	42.6	55.1	69.9	85.9	102.2	119.8
47.5°	0.0	5.5	13.0	22.1	33.7	46.0	59.3	75.7	92.6	109.9	129.6
45°	0.0	5.7	13.8	23.7	35.9	49.2	64.0	81.2	99.1	118.4	139.1
42.5°	0.0	6.0	14.7	25.3	38.0	52.4	68.5	86.6	105.4	126.8	149.0
40°	0.0	6.2	15.5	26.8	40.2	55.4	72.7	91.9	111.8	134.9	158.6
37.5°	0.0	6.4	16.3	28.3	42.4	58.2	76.7	96.9	118.6	142.7	167.7
35°	0.0	6.6	17.1	29.6	44.6	61.2	80.4	101.7	125.0	150.3	176.4
32.5°	0.0	6.8	17.8	30.9	46.6	64.1	84.0	106.2	131.0	157.5	184.8
30°	0.0	7.0	18.5	32.0	48.5	66.8	87.6	110.6	136.6	164.2	192.6
27.5°	0.0	7.2	19.1	33.1	50.1	69.3	91.0	115.2	141.9	170.4	199.9
25°	0.0	7.3	19.7	34.0	51.6	71.5	94.1	119.3	146.9	176.3	206.6
22.5°	0.0	7.5	20.3	34.8	52.9	73.5	96.9	123.0	151.5	181.7	213.3
20°	0.0	7.6	20.8	35.6	54.1	75.2	99.5	126.4	155.6	186.6	219.3
17.5°	0.0	7.7	21.2	36.2	55.2	76.7	101.8	129.3	159.3	190.9	224.5
15°	0.0	7.8	21.6	36.7	56.0	78.0	103.8	131.9	162.5	194.7	229.1
12.5°	0.0	7.9	22.0	37.1	56.8	79.1	105.5	134.1	165.1	197.8	232.9
10°	0.0	8.0	22.3	37.5	57.3	79.9	106.9	135.9	167.2	200.7	236.3
7.5°	0.0	8.0	22.6	37.7	57.8	80.5	108.0	137.4	168.7	203.1	239.7
5°	0.0	8.1	22.8	37.8	58.0	80.9	108.8	138.4	169.8	204.9	242.5
2.5°	0.0	8.1	22.9	37.8	58.1	81.1	109.3	139.0	170.3	206.2	244.7
0°	0.0	8.1	23.0	37.8	58.1	81.1	109.5	139.2	170.3	206.8	246.0
-2.5°	0.0	8.1	22.9	37.8	58.1	81.1	109.3	139.0	170.3	206.2	244.7
-5°	0.0	8.1	22.8	37.8	58.0	80.9	108.8	138.4	169.8	204.9	242.5
-7.5°	0.0	8.0	22.6	37.7	57.8	80.5	108.0	137.4	168.7	203.1	239.7
-10°	0.0	8.0	22.3	37.5	57.3	79.9	106.9	135.9	167.2	200.7	236.3
-12.5°	0.0	7.9	22.0	37.1	56.8	79.1	105.5	134.1	165.1	197.8	232.9
-15°	0.0	7.8	21.6	36.7	56.0	78.0	103.8	131.9	162.5	194.7	229.1
-17.5°	0.0	7.7	21.2	36.2	55.2	76.7	101.8	129.3	159.3	190.9	224.5
-20°	0.0	7.6	20.8	35.6	54.1	75.2	99.5	126.4	155.6	186.6	219.3



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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	7.5	20.3	34.8	52.9	73.5	96.9	123.0	151.5	181.7	213.3
-25°	0.0	7.3	19.7	34.0	51.6	71.5	94.1	119.3	146.9	176.3	206.6
-27.5°	0.0	7.2	19.1	33.1	50.1	69.3	91.0	115.2	141.9	170.4	199.9
-30°	0.0	7.0	18.5	32.0	48.5	66.8	87.6	110.6	136.6	164.2	192.6
-32.5°	0.0	6.8	17.8	30.9	46.6	64.1	84.0	106.2	131.0	157.5	184.8
-35°	0.0	6.6	17.1	29.6	44.6	61.2	80.4	101.7	125.0	150.3	176.4
-37.5°	0.0	6.4	16.3	28.3	42.4	58.2	76.7	96.9	118.6	142.7	167.7
-40°	0.0	6.2	15.5	26.8	40.2	55.4	72.7	91.9	111.8	134.9	158.6
-42.5°	0.0	6.0	14.7	25.3	38.0	52.4	68.5	86.6	105.4	126.8	149.0
-45°	0.0	5.7	13.8	23.7	35.9	49.2	64.0	81.2	99.1	118.4	139.1
-47.5°	0.0	5.5	13.0	22.1	33.7	46.0	59.3	75.7	92.6	109.9	129.6
-50°	0.0	5.2	12.0	20.7	31.5	42.6	55.1	69.9	85.9	102.2	119.8
-52.5°	0.0	4.9	11.1	19.3	29.2	39.1	50.9	63.8	78.8	94.1	109.9
-55°	0.0	4.6	10.1	17.9	26.8	36.1	46.6	57.6	71.6	85.7	100.5
-57.5°	0.0	4.4	9.1	16.4	24.4	33.1	42.1	52.4	64.2	77.3	90.7
-60°	0.0	4.0	8.1	14.9	22.0	30.2	37.7	47.1	56.9	68.7	80.7
-62.5°	0.0	3.7	7.5	13.3	19.9	27.1	34.1	41.7	50.7	59.9	71.0
-65°	0.0	3.4	6.8	11.7	17.7	24.1	30.6	36.6	44.4	52.5	61.1
-67.5°	0.0	3.1	6.2	10.1	15.5	21.1	27.0	32.5	38.0	45.3	52.5
-70°	0.0	2.8	5.5	8.4	13.2	18.2	23.4	28.2	33.0	38.0	44.4
-72.5°	0.0	2.4	4.9	7.3	10.9	15.2	19.7	23.9	28.0	32.2	36.5
-75°	0.0	2.1	4.2	6.3	8.5	12.2	16.1	19.6	22.9	26.4	29.9
-77.5°	0.0	1.8	3.5	5.2	7.0	9.2	12.3	15.3	18.1	20.6	23.3
-80°	0.0	1.4	2.8	4.2	5.6	7.0	8.6	11.0	13.3	15.4	17.4
-82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.4	10.1	11.7
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	6.4
85°	7.5	8.1	9.1	10.1	11.0	11.8	12.5	13.1	13.9	14.6	15.2
82.5°	13.3	14.8	16.3	17.8	19.0	20.0	21.1	22.6	24.2	25.9	27.4
80°	19.4	21.5	24.0	26.6	29.0	31.3	33.5	35.8	38.1	40.5	42.9
77.5°	26.4	29.8	33.1	36.5	39.8	43.6	47.4	51.1	54.5	57.5	60.3
75°	33.9	37.9	42.9	48.0	52.9	57.6	62.4	67.6	72.2	76.4	80.3
72.5°	41.9	47.9	53.9	59.9	66.6	73.1	79.3	85.3	90.9	96.1	101.2
70°	50.9	57.8	65.8	73.9	81.6	89.0	96.3	103.1	109.5	116.3	123.6
67.5°	60.1	69.5	78.8	87.9	97.0	105.4	113.3	122.1	130.8	139.3	147.5
65°	71.1	81.4	92.1	102.5	112.5	122.7	132.8	142.9	153.0	162.7	171.8
62.5°	81.9	93.9	105.7	117.3	129.1	140.7	152.6	164.3	175.6	187.4	198.7
60°	93.4	106.5	119.5	132.5	145.8	159.6	172.8	186.6	200.5	213.8	226.7
57.5°	104.7	119.0	133.1	147.9	163.4	178.6	194.3	209.7	225.7	240.9	254.1
55°	115.8	131.1	147.1	164.0	181.0	198.5	216.0	234.0	251.2	264.0	276.0
52.5°	126.9	143.4	161.7	180.1	199.0	218.6	239.0	256.4	270.6	281.6	284.2
50°	137.8	156.7	176.0	196.2	217.1	239.3	258.8	274.5	282.5	285.6	284.0
47.5°	149.3	169.7	190.4	212.2	235.5	256.7	275.1	283.1	287.0	282.8	277.6
45°	160.7	182.5	204.5	228.4	251.7	271.7	282.1	287.9	282.7	277.7	274.1
42.5°	171.7	195.1	219.1	243.7	265.4	279.6	286.1	282.8	278.4	274.6	275.9
40°	182.7	207.1	233.4	256.6	276.1	283.4	282.2	278.2	275.6	277.3	282.9
37.5°	193.1	219.8	246.6	269.0	279.6	282.5	277.7	275.0	277.0	283.4	295.6
35°	203.1	231.9	257.4	276.2	283.3	278.3	274.8	274.4	281.7	294.7	312.8
32.5°	213.1	243.4	267.6	279.4	280.6	275.0	272.4	278.6	290.0	307.2	337.6
30°	222.9	252.3	275.1	282.3	277.4	273.1	274.6	283.5	299.0	327.5	376.7
27.5°	231.8	260.4	277.5	281.0	274.6	271.0	277.7	291.2	313.7	351.7	421.9
25°	240.0	267.6	279.7	278.4	272.7	272.3	281.5	298.1	329.1	390.5	486.8
22.5°	246.7	274.3	281.7	275.9	270.9	274.5	287.3	310.3	351.9	427.2	554.4
20°	252.2	276.0	281.3	273.6	269.1	276.3	292.5	322.4	382.5	484.5	630.6
17.5°	257.1	277.5	279.4	272.1	270.2	279.1	297.9	333.1	409.7	533.7	703.8
15°	261.5	278.8	277.6	270.9	271.5	283.0	306.7	353.3	442.3	580.1	769.5
12.5°	265.3	279.9	275.9	269.8	272.5	286.1	314.1	371.8	474.5	630.5	874.9
10°	268.4	280.9	274.3	268.9	273.1	288.7	320.2	386.3	499.3	673.2	963.3
7.5°	271.4	281.6	273.0	268.2	273.5	290.5	324.8	397.0	517.0	707.5	1029.5
5°	273.6	282.1	272.2	267.8	274.4	292.5	328.2	403.9	527.8	732.5	1073.8
2.5°	275.0	282.4	271.8	267.7	275.8	295.3	331.1	409.8	537.4	744.8	1105.3
0°	275.7	282.5	271.6	267.6	277.0	297.3	332.5	412.2	541.9	744.6	1124.4
-2.5°	275.0	282.4	271.8	267.7	275.8	295.3	331.1	409.8	537.4	744.8	1105.3
-5°	273.6	282.1	272.2	267.8	274.4	292.5	328.2	403.9	527.8	732.5	1073.8
-7.5°	271.4	281.6	273.0	268.2	273.5	290.5	324.8	397.0	517.0	707.5	1029.5
-10°	268.4	280.9	274.3	268.9	273.1	288.7	320.2	386.3	499.3	673.2	963.3
-12.5°	265.3	279.9	275.9	269.8	272.5	286.1	314.1	371.8	474.5	630.5	874.9
-15°	261.5	278.8	277.6	270.9	271.5	283.0	306.7	353.3	442.3	580.1	769.5
-17.5°	257.1	277.5	279.4	272.1	270.2	279.1	297.9	333.1	409.7	533.7	703.8
-20°	252.2	276.0	281.3	273.6	269.1	276.3	292.5	322.4	382.5	484.5	630.6



REPORT NUMBER: P558892 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	246.7	274.3	281.7	275.9	270.9	274.5	287.3	310.3	351.9	427.2	554.4
-25°	240.0	267.6	279.7	278.4	272.7	272.3	281.5	298.1	329.1	390.5	486.8
-27.5°	231.8	260.4	277.5	281.0	274.6	271.0	277.7	291.2	313.7	351.7	421.9
-30°	222.9	252.3	275.1	282.3	277.4	273.1	274.6	283.5	299.0	327.5	376.7
-32.5°	213.1	243.4	267.6	279.4	280.6	275.0	272.4	278.6	290.0	307.2	337.6
-35°	203.1	231.9	257.4	276.2	283.3	278.3	274.8	274.4	281.7	294.7	312.8
-37.5°	193.1	219.8	246.6	269.0	279.6	282.5	277.7	275.0	277.0	283.4	295.6
-40°	182.7	207.1	233.4	256.6	276.1	283.4	282.2	278.2	275.6	277.3	282.9
-42.5°	171.7	195.1	219.1	243.7	265.4	279.6	286.1	282.8	278.4	274.6	275.9
-45°	160.7	182.5	204.5	228.4	251.7	271.7	282.1	287.9	282.7	277.7	274.1
-47.5°	149.3	169.7	190.4	212.2	235.5	256.7	275.1	283.1	287.0	282.8	277.6
-50°	137.8	156.7	176.0	196.2	217.1	239.3	258.8	274.5	282.5	285.6	284.0
-52.5°	126.9	143.4	161.7	180.1	199.0	218.6	239.0	256.4	270.6	281.6	284.2
-55°	115.8	131.1	147.1	164.0	181.0	198.5	216.0	234.0	251.2	264.0	276.0
-57.5°	104.7	119.0	133.1	147.9	163.4	178.6	194.3	209.7	225.7	240.9	254.1
-60°	93.4	106.5	119.5	132.5	145.8	159.6	172.8	186.6	200.5	213.8	226.7
-62.5°	81.9	93.9	105.7	117.3	129.1	140.7	152.6	164.3	175.6	187.4	198.7
-65°	71.1	81.4	92.1	102.5	112.5	122.7	132.8	142.9	153.0	162.7	171.8
-67.5°	60.1	69.5	78.8	87.9	97.0	105.4	113.3	122.1	130.8	139.3	147.5
-70°	50.9	57.8	65.8	73.9	81.6	89.0	96.3	103.1	109.5	116.3	123.6
-72.5°	41.9	47.9	53.9	59.9	66.6	73.1	79.3	85.3	90.9	96.1	101.2
-75°	33.9	37.9	42.9	48.0	52.9	57.6	62.4	67.6	72.2	76.4	80.3
-77.5°	26.4	29.8	33.1	36.5	39.8	43.6	47.4	51.1	54.5	57.5	60.3
-80°	19.4	21.5	24.0	26.6	29.0	31.3	33.5	35.8	38.1	40.5	42.9
-82.5°	13.3	14.8	16.3	17.8	19.0	20.0	21.1	22.6	24.2	25.9	27.4
-85°	7.5	8.1	9.1	10.1	11.0	11.8	12.5	13.1	13.9	14.6	15.2
-87.5°	3.7	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	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: P558892 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.6	6.6	6.5	6.3	6.2	6.3	6.4	6.5	6.6	7.0	7.3
85°	15.9	16.6	17.3	18.1	18.8	19.3	19.8	20.2	20.6	20.9	21.2
82.5°	28.9	30.4	31.8	33.1	34.2	35.2	36.0	36.7	37.4	37.9	38.4
80°	45.1	47.1	48.9	50.4	51.9	53.1	54.1	54.9	55.5	56.9	58.2
77.5°	63.1	65.9	68.5	70.9	73.0	75.1	77.1	78.9	80.4	81.7	82.5
75°	84.0	87.5	91.1	94.3	97.3	100.4	103.4	106.1	108.6	110.3	111.5
72.5°	106.4	111.2	115.5	119.7	123.4	127.2	130.9	134.3	137.2	139.5	141.3
70°	130.5	136.7	141.8	146.5	151.1	155.8	160.4	164.4	167.8	170.6	172.9
67.5°	155.3	162.4	168.8	175.0	181.2	187.0	192.6	197.7	202.5	206.1	208.5
65°	180.7	189.9	198.3	205.9	212.8	219.4	226.3	232.7	238.5	243.2	246.9
62.5°	209.5	219.9	229.4	237.9	245.6	251.7	258.3	264.3	269.7	274.7	279.7
60°	238.9	250.5	258.9	266.1	272.7	278.6	280.9	283.1	284.9	286.6	288.5
57.5°	264.6	274.5	281.7	283.3	284.8	286.0	285.2	283.0	280.5	278.1	276.2
55°	282.5	285.3	288.5	286.0	282.0	278.4	275.1	272.8	270.7	268.8	267.2
52.5°	287.2	284.5	281.2	277.5	274.8	272.0	269.1	269.6	270.5	271.1	271.5
50°	280.2	277.0	275.3	273.2	273.5	274.9	276.1	278.7	282.1	284.4	286.4
47.5°	274.8	272.8	275.5	278.9	282.1	287.9	293.0	298.1	305.9	312.2	317.1
45°	273.4	278.5	283.8	292.2	299.6	312.3	324.3	334.4	353.1	370.2	383.6
42.5°	281.1	289.9	299.5	315.8	333.5	356.1	385.1	409.6	438.4	465.1	484.5
40°	293.9	306.8	328.5	354.7	395.9	432.5	480.6	521.7	560.3	601.2	632.0
37.5°	312.2	336.4	376.9	424.1	486.6	546.5	612.8	677.1	732.0	814.9	879.8
35°	339.4	388.4	445.9	524.8	606.3	698.3	795.2	920.0	1030.0	1158.9	1280.2
32.5°	389.1	455.4	545.4	652.1	760.6	919.2	1068.9	1271.7	1454.0	1681.5	1926.1
30°	447.1	546.1	667.1	806.4	1002.8	1221.1	1467.1	1778.2	2147.9	2588.1	3178.8
27.5°	527.2	654.3	806.5	1032.3	1310.8	1603.3	2039.6	2562.6	3515.7	4346.3	5447.1
25°	613.4	768.5	1009.3	1312.8	1679.3	2206.0	3059.0	4147.2	5688.7	7162.6	8340.8
22.5°	712.7	939.5	1243.4	1621.1	2214.2	3233.9	4558.3	6474.9	8193.7	9680.3	10825.1
20°	822.7	1107.2	1515.6	2092.7	3102.8	4596.3	6722.4	8689.3	10444.9	11724.6	12736.1
17.5°	965.2	1336.8	1855.0	2651.4	4201.7	6503.0	8694.9	10639.0	12166.6	13290.9	14187.6
15°	1098.2	1548.1	2219.8	3578.6	5694.6	8154.2	10400.9	12135.2	13457.1	14503.3	15309.5
12.5°	1255.3	1785.6	2646.2	4379.6	7067.3	9516.4	11612.2	13231.6	14504.6	15485.2	16565.8
10°	1395.1	2041.0	3257.0	5446.9	8194.5	10587.0	12622.2	14077.6	15354.0	16632.0	18252.2
7.5°	1510.6	2255.4	3758.0	6347.5	9060.0	11378.9	13233.1	14687.2	16093.9	17800.8	20137.8
5°	1602.3	2417.0	4170.2	7027.5	9689.2	11944.2	13699.6	15173.5	16762.5	19045.8	22182.1
2.5°	1663.6	2522.9	4427.9	7438.2	10086.1	12268.4	14045.3	15491.6	17157.6	19742.9	23019.4
0°	1688.0	2571.8	4362.5	7512.7	10110.1	12373.8	14096.9	15610.5	17270.1	19859.4	23173.2
-2.5°	1663.6	2522.9	4427.9	7438.2	10086.1	12268.4	14045.3	15491.6	17157.6	19742.9	23019.4
-5°	1602.3	2417.0	4170.2	7027.5	9689.2	11944.2	13699.6	15173.5	16762.5	19045.8	22182.1
-7.5°	1510.6	2255.4	3758.0	6347.5	9060.0	11378.9	13233.1	14687.2	16093.9	17800.8	20137.8
-10°	1395.1	2041.0	3257.0	5446.9	8194.5	10587.0	12622.2	14077.6	15354.0	16632.0	18252.2
-12.5°	1255.3	1785.6	2646.2	4379.6	7067.3	9516.4	11612.2	13231.6	14504.6	15485.2	16565.8
-15°	1098.2	1548.1	2219.8	3578.6	5694.6	8154.2	10400.9	12135.2	13457.1	14503.3	15309.5
-17.5°	965.2	1336.8	1855.0	2651.4	4201.7	6503.0	8694.9	10639.0	12166.6	13290.9	14187.6
-20°	822.7	1107.2	1515.6	2092.7	3102.8	4596.3	6722.4	8689.3	10444.9	11724.6	12736.1



REPORT NUMBER: P558892 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	712.7	939.5	1243.4	1621.1	2214.2	3233.9	4558.3	6474.9	8193.7	9680.3	10825.1
-25°	613.4	768.5	1009.3	1312.8	1679.3	2206.0	3059.0	4147.2	5688.7	7162.6	8340.8
-27.5°	527.2	654.3	806.5	1032.3	1310.8	1603.3	2039.6	2562.6	3515.7	4346.3	5447.1
-30°	447.1	546.1	667.1	806.4	1002.8	1221.1	1467.1	1778.2	2147.9	2588.1	3178.8
-32.5°	389.1	455.4	545.4	652.1	760.6	919.2	1068.9	1271.7	1454.0	1681.5	1926.1
-35°	339.4	388.4	445.9	524.8	606.3	698.3	795.2	920.0	1030.0	1158.9	1280.2
-37.5°	312.2	336.4	376.9	424.1	486.6	546.5	612.8	677.1	732.0	814.9	879.8
-40°	293.9	306.8	328.5	354.7	395.9	432.5	480.6	521.7	560.3	601.2	632.0
-42.5°	281.1	289.9	299.5	315.8	333.5	356.1	385.1	409.6	438.4	465.1	484.5
-45°	273.4	278.5	283.8	292.2	299.6	312.3	324.3	334.4	353.1	370.2	383.6
-47.5°	274.8	272.8	275.5	278.9	282.1	287.9	293.0	298.1	305.9	312.2	317.1
-50°	280.2	277.0	275.3	273.2	273.5	274.9	276.1	278.7	282.1	284.4	286.4
-52.5°	287.2	284.5	281.2	277.5	274.8	272.0	269.1	269.6	270.5	271.1	271.5
-55°	282.5	285.3	288.5	286.0	282.0	278.4	275.1	272.8	270.7	268.8	267.2
-57.5°	264.6	274.5	281.7	283.3	284.8	286.0	285.2	283.0	280.5	278.1	276.2
-60°	238.9	250.5	258.9	266.1	272.7	278.6	280.9	283.1	284.9	286.6	288.5
-62.5°	209.5	219.9	229.4	237.9	245.6	251.7	258.3	264.3	269.7	274.7	279.7
-65°	180.7	189.9	198.3	205.9	212.8	219.4	226.3	232.7	238.5	243.2	246.9
-67.5°	155.3	162.4	168.8	175.0	181.2	187.0	192.6	197.7	202.5	206.1	208.5
-70°	130.5	136.7	141.8	146.5	151.1	155.8	160.4	164.4	167.8	170.6	172.9
-72.5°	106.4	111.2	115.5	119.7	123.4	127.2	130.9	134.3	137.2	139.5	141.3
-75°	84.0	87.5	91.1	94.3	97.3	100.4	103.4	106.1	108.6	110.3	111.5
-77.5°	63.1	65.9	68.5	70.9	73.0	75.1	77.1	78.9	80.4	81.7	82.5
-80°	45.1	47.1	48.9	50.4	51.9	53.1	54.1	54.9	55.5	56.9	58.2
-82.5°	28.9	30.4	31.8	33.1	34.2	35.2	36.0	36.7	37.4	37.9	38.4
-85°	15.9	16.6	17.3	18.1	18.8	19.3	19.8	20.2	20.6	20.9	21.2
-87.5°	6.6	6.6	6.5	6.3	6.2	6.3	6.4	6.5	6.6	7.0	7.3
-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: P558892 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	7.7	8.1	8.1	8.1	8.1	8.1	7.7	7.3	7.0	6.6	6.5
85°	21.4	21.5	22.3	23.0	22.3	21.5	21.4	21.2	20.9	20.6	20.2
82.5°	38.7	39.0	39.2	39.2	39.2	39.0	38.7	38.4	37.9	37.4	36.7
80°	59.4	60.4	60.1	59.5	60.1	60.4	59.4	58.2	56.9	55.5	54.9
77.5°	83.1	83.4	83.0	82.4	83.0	83.4	83.1	82.5	81.7	80.4	78.9
75°	112.3	112.8	113.3	113.5	113.3	112.8	112.3	111.5	110.3	108.6	106.1
72.5°	142.7	143.7	143.8	143.3	143.8	143.7	142.7	141.3	139.5	137.2	134.3
70°	174.7	176.0	176.7	177.0	176.7	176.0	174.7	172.9	170.6	167.8	164.4
67.5°	210.1	211.0	211.9	212.2	211.9	211.0	210.1	208.5	206.1	202.5	197.7
65°	249.9	252.3	253.1	252.7	253.1	252.3	249.9	246.9	243.2	238.5	232.7
62.5°	284.3	288.5	290.2	290.6	290.2	288.5	284.3	279.7	274.7	269.7	264.3
60°	290.1	291.5	291.9	291.9	291.9	291.5	290.1	288.5	286.6	284.9	283.1
57.5°	274.4	272.8	271.9	271.6	271.9	272.8	274.4	276.2	278.1	280.5	283.0
55°	265.7	264.3	263.6	263.5	263.6	264.3	265.7	267.2	268.8	270.7	272.8
52.5°	271.6	271.4	272.0	273.0	272.0	271.4	271.6	271.5	271.1	270.5	269.6
50°	288.2	289.4	290.7	291.9	290.7	289.4	288.2	286.4	284.4	282.1	278.7
47.5°	320.7	322.5	323.6	324.3	323.6	322.5	320.7	317.1	312.2	305.9	298.1
45°	392.3	397.1	399.3	400.0	399.3	397.1	392.3	383.6	370.2	353.1	334.4
42.5°	497.4	504.5	507.5	508.1	507.5	504.5	497.4	484.5	465.1	438.4	409.6
40°	654.1	666.7	672.8	677.1	672.8	666.7	654.1	632.0	601.2	560.3	521.7
37.5°	928.4	960.0	977.9	993.3	977.9	960.0	928.4	879.8	814.9	732.0	677.1
35°	1378.8	1451.0	1493.6	1502.8	1493.6	1451.0	1378.8	1280.2	1158.9	1030.0	920.0
32.5°	2114.5	2256.2	2340.9	2351.5	2340.9	2256.2	2114.5	1926.1	1681.5	1454.0	1271.7
30°	3637.4	4034.5	4306.6	4269.2	4306.6	4034.5	3637.4	3178.8	2588.1	2147.9	1778.2
27.5°	6348.8	7068.9	7536.7	7497.8	7536.7	7068.9	6348.8	5447.1	4346.3	3515.7	2562.6
25°	9246.7	9909.6	10300.9	10445.3	10300.9	9909.6	9246.7	8340.8	7162.6	5688.7	4147.2
22.5°	11613.2	12205.8	12544.3	12746.8	12544.3	12205.8	11613.2	10825.1	9680.3	8193.7	6474.9
20°	13426.3	13940.2	14231.4	14356.4	14231.4	13940.2	13426.3	12736.1	11724.6	10444.9	8689.3
17.5°	14821.2	15251.4	15581.1	15665.9	15581.1	15251.4	14821.2	14187.6	13290.9	12166.6	10639.0
15°	16055.1	16610.8	16999.5	17144.4	16999.5	16610.8	16055.1	15309.5	14503.3	13457.1	12135.2
12.5°	17610.9	18577.3	19091.0	19209.4	19091.0	18577.3	17610.9	16565.8	15485.2	14504.6	13231.6
10°	19910.6	21395.9	21564.3	21333.9	21564.3	21395.9	19910.6	18252.2	16632.0	15354.0	14077.6
7.5°	23259.9	25240.4	24812.1	24098.9	24812.1	25240.4	23259.9	20137.8	17800.8	16093.9	14687.2
5°	25656.6	28406.4	28491.8	27968.1	28491.8	28406.4	25656.6	22182.1	19045.8	16762.5	15173.5
2.5°	26610.8	29441.4	30850.3	31081.2	30850.3	29441.4	26610.8	23019.4	19742.9	17157.6	15491.6
0°	26682.2	29775.0	31445.3	31860.2	31445.3	29775.0	26682.2	23173.2	19859.4	17270.1	15610.5
-2.5°	26610.8	29441.4	30850.3	31081.2	30850.3	29441.4	26610.8	23019.4	19742.9	17157.6	15491.6
-5°	25656.6	28406.4	28491.8	27968.1	28491.8	28406.4	25656.6	22182.1	19045.8	16762.5	15173.5
-7.5°	23259.9	25240.4	24812.1	24098.9	24812.1	25240.4	23259.9	20137.8	17800.8	16093.9	14687.2
-10°	19910.6	21395.9	21564.3	21333.9	21564.3	21395.9	19910.6	18252.2	16632.0	15354.0	14077.6
-12.5°	17610.9	18577.3	19091.0	19209.4	19091.0	18577.3	17610.9	16565.8	15485.2	14504.6	13231.6
-15°	16055.1	16610.8	16999.5	17144.4	16999.5	16610.8	16055.1	15309.5	14503.3	13457.1	12135.2
-17.5°	14821.2	15251.4	15581.1	15665.9	15581.1	15251.4	14821.2	14187.6	13290.9	12166.6	10639.0
-20°	13426.3	13940.2	14231.4	14356.4	14231.4	13940.2	13426.3	12736.1	11724.6	10444.9	8689.3



REPORT NUMBER: P558892 (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°	11613.2	12205.8	12544.3	12746.8	12544.3	12205.8	11613.2	10825.1	9680.3	8193.7	6474.9
-25°	9246.7	9909.6	10300.9	10445.3	10300.9	9909.6	9246.7	8340.8	7162.6	5688.7	4147.2
-27.5°	6348.8	7068.9	7536.7	7497.8	7536.7	7068.9	6348.8	5447.1	4346.3	3515.7	2562.6
-30°	3637.4	4034.5	4306.6	4269.2	4306.6	4034.5	3637.4	3178.8	2588.1	2147.9	1778.2
-32.5°	2114.5	2256.2	2340.9	2351.5	2340.9	2256.2	2114.5	1926.1	1681.5	1454.0	1271.7
-35°	1378.8	1451.0	1493.6	1502.8	1493.6	1451.0	1378.8	1280.2	1158.9	1030.0	920.0
-37.5°	928.4	960.0	977.9	993.3	977.9	960.0	928.4	879.8	814.9	732.0	677.1
-40°	654.1	666.7	672.8	677.1	672.8	666.7	654.1	632.0	601.2	560.3	521.7
-42.5°	497.4	504.5	507.5	508.1	507.5	504.5	497.4	484.5	465.1	438.4	409.6
-45°	392.3	397.1	399.3	400.0	399.3	397.1	392.3	383.6	370.2	353.1	334.4
-47.5°	320.7	322.5	323.6	324.3	323.6	322.5	320.7	317.1	312.2	305.9	298.1
-50°	288.2	289.4	290.7	291.9	290.7	289.4	288.2	286.4	284.4	282.1	278.7
-52.5°	271.6	271.4	272.0	273.0	272.0	271.4	271.6	271.5	271.1	270.5	269.6
-55°	265.7	264.3	263.6	263.5	263.6	264.3	265.7	267.2	268.8	270.7	272.8
-57.5°	274.4	272.8	271.9	271.6	271.9	272.8	274.4	276.2	278.1	280.5	283.0
-60°	290.1	291.5	291.9	291.9	291.9	291.5	290.1	288.5	286.6	284.9	283.1
-62.5°	284.3	288.5	290.2	290.6	290.2	288.5	284.3	279.7	274.7	269.7	264.3
-65°	249.9	252.3	253.1	252.7	253.1	252.3	249.9	246.9	243.2	238.5	232.7
-67.5°	210.1	211.0	211.9	212.2	211.9	211.0	210.1	208.5	206.1	202.5	197.7
-70°	174.7	176.0	176.7	177.0	176.7	176.0	174.7	172.9	170.6	167.8	164.4
-72.5°	142.7	143.7	143.8	143.3	143.8	143.7	142.7	141.3	139.5	137.2	134.3
-75°	112.3	112.8	113.3	113.5	113.3	112.8	112.3	111.5	110.3	108.6	106.1
-77.5°	83.1	83.4	83.0	82.4	83.0	83.4	83.1	82.5	81.7	80.4	78.9
-80°	59.4	60.4	60.1	59.5	60.1	60.4	59.4	58.2	56.9	55.5	54.9
-82.5°	38.7	39.0	39.2	39.2	39.2	39.0	38.7	38.4	37.9	37.4	36.7
-85°	21.4	21.5	22.3	23.0	22.3	21.5	21.4	21.2	20.9	20.6	20.2
-87.5°	7.7	8.1	8.1	8.1	8.1	8.1	7.7	7.3	7.0	6.6	6.5
-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: P558892 (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°	6.4	6.3	6.2	6.3	6.5	6.6	6.6	6.4	6.2	6.0	5.7
85°	19.8	19.3	18.8	18.1	17.3	16.6	15.9	15.2	14.6	13.9	13.1
82.5°	36.0	35.2	34.2	33.1	31.8	30.4	28.9	27.4	25.9	24.2	22.6
80°	54.1	53.1	51.9	50.4	48.9	47.1	45.1	42.9	40.5	38.1	35.8
77.5°	77.1	75.1	73.0	70.9	68.5	65.9	63.1	60.3	57.5	54.5	51.1
75°	103.4	100.4	97.3	94.3	91.1	87.5	84.0	80.3	76.4	72.2	67.6
72.5°	130.9	127.2	123.4	119.7	115.5	111.2	106.4	101.2	96.1	90.9	85.3
70°	160.4	155.8	151.1	146.5	141.8	136.7	130.5	123.6	116.3	109.5	103.1
67.5°	192.6	187.0	181.2	175.0	168.8	162.4	155.3	147.5	139.3	130.8	122.1
65°	226.3	219.4	212.8	205.9	198.3	189.9	180.7	171.8	162.7	153.0	142.9
62.5°	258.3	251.7	245.6	237.9	229.4	219.9	209.5	198.7	187.4	175.6	164.3
60°	280.9	278.6	272.7	266.1	258.9	250.5	238.9	226.7	213.8	200.5	186.6
57.5°	285.2	286.0	284.8	283.3	281.7	274.5	264.6	254.1	240.9	225.7	209.7
55°	275.1	278.4	282.0	286.0	288.5	285.3	282.5	276.0	264.0	251.2	234.0
52.5°	269.1	272.0	274.8	277.5	281.2	284.5	287.2	284.2	281.6	270.6	256.4
50°	276.1	274.9	273.5	273.2	275.3	277.0	280.2	284.0	285.6	282.5	274.5
47.5°	293.0	287.9	282.1	278.9	275.5	272.8	274.8	277.6	282.8	287.0	283.1
45°	324.3	312.3	299.6	292.2	283.8	278.5	273.4	274.1	277.7	282.7	287.9
42.5°	385.1	356.1	333.5	315.8	299.5	289.9	281.1	275.9	274.6	278.4	282.8
40°	480.6	432.5	395.9	354.7	328.5	306.8	293.9	282.9	277.3	275.6	278.2
37.5°	612.8	546.5	486.6	424.1	376.9	336.4	312.2	295.6	283.4	277.0	275.0
35°	795.2	698.3	606.3	524.8	445.9	388.4	339.4	312.8	294.7	281.7	274.4
32.5°	1068.9	919.2	760.6	652.1	545.4	455.4	389.1	337.6	307.2	290.0	278.6
30°	1467.1	1221.1	1002.8	806.4	667.1	546.1	447.1	376.7	327.5	299.0	283.5
27.5°	2039.6	1603.3	1310.8	1032.3	806.5	654.3	527.2	421.9	351.7	313.7	291.2
25°	3059.0	2206.0	1679.3	1312.8	1009.3	768.5	613.4	486.8	390.5	329.1	298.1
22.5°	4558.3	3233.9	2214.2	1621.1	1243.4	939.5	712.7	554.4	427.2	351.9	310.3
20°	6722.4	4596.3	3102.8	2092.7	1515.6	1107.2	822.7	630.6	484.5	382.5	322.4
17.5°	8694.9	6503.0	4201.7	2651.4	1855.0	1336.8	965.2	703.8	533.7	409.7	333.1
15°	10400.9	8154.2	5694.6	3578.6	2219.8	1548.1	1098.2	769.5	580.1	442.3	353.3
12.5°	11612.2	9516.4	7067.3	4379.6	2646.2	1785.6	1255.3	874.9	630.5	474.5	371.8
10°	12622.2	10587.0	8194.5	5446.9	3257.0	2041.0	1395.1	963.3	673.2	499.3	386.3
7.5°	13233.1	11378.9	9060.0	6347.5	3758.0	2255.4	1510.6	1029.5	707.5	517.0	397.0
5°	13699.6	11944.2	9689.2	7027.5	4170.2	2417.0	1602.3	1073.8	732.5	527.8	403.9
2.5°	14045.3	12268.4	10086.1	7438.2	4427.9	2522.9	1663.6	1105.3	744.8	537.4	409.8
0°	14096.9	12373.8	10110.1	7512.7	4362.5	2571.8	1688.0	1124.4	744.6	541.9	412.2
-2.5°	14045.3	12268.4	10086.1	7438.2	4427.9	2522.9	1663.6	1105.3	744.8	537.4	409.8
-5°	13699.6	11944.2	9689.2	7027.5	4170.2	2417.0	1602.3	1073.8	732.5	527.8	403.9
-7.5°	13233.1	11378.9	9060.0	6347.5	3758.0	2255.4	1510.6	1029.5	707.5	517.0	397.0
-10°	12622.2	10587.0	8194.5	5446.9	3257.0	2041.0	1395.1	963.3	673.2	499.3	386.3
-12.5°	11612.2	9516.4	7067.3	4379.6	2646.2	1785.6	1255.3	874.9	630.5	474.5	371.8
-15°	10400.9	8154.2	5694.6	3578.6	2219.8	1548.1	1098.2	769.5	580.1	442.3	353.3
-17.5°	8694.9	6503.0	4201.7	2651.4	1855.0	1336.8	965.2	703.8	533.7	409.7	333.1
-20°	6722.4	4596.3	3102.8	2092.7	1515.6	1107.2	822.7	630.6	484.5	382.5	322.4



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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°	4558.3	3233.9	2214.2	1621.1	1243.4	939.5	712.7	554.4	427.2	351.9	310.3
-25°	3059.0	2206.0	1679.3	1312.8	1009.3	768.5	613.4	486.8	390.5	329.1	298.1
-27.5°	2039.6	1603.3	1310.8	1032.3	806.5	654.3	527.2	421.9	351.7	313.7	291.2
-30°	1467.1	1221.1	1002.8	806.4	667.1	546.1	447.1	376.7	327.5	299.0	283.5
-32.5°	1068.9	919.2	760.6	652.1	545.4	455.4	389.1	337.6	307.2	290.0	278.6
-35°	795.2	698.3	606.3	524.8	445.9	388.4	339.4	312.8	294.7	281.7	274.4
-37.5°	612.8	546.5	486.6	424.1	376.9	336.4	312.2	295.6	283.4	277.0	275.0
-40°	480.6	432.5	395.9	354.7	328.5	306.8	293.9	282.9	277.3	275.6	278.2
-42.5°	385.1	356.1	333.5	315.8	299.5	289.9	281.1	275.9	274.6	278.4	282.8
-45°	324.3	312.3	299.6	292.2	283.8	278.5	273.4	274.1	277.7	282.7	287.9
-47.5°	293.0	287.9	282.1	278.9	275.5	272.8	274.8	277.6	282.8	287.0	283.1
-50°	276.1	274.9	273.5	273.2	275.3	277.0	280.2	284.0	285.6	282.5	274.5
-52.5°	269.1	272.0	274.8	277.5	281.2	284.5	287.2	284.2	281.6	270.6	256.4
-55°	275.1	278.4	282.0	286.0	288.5	285.3	282.5	276.0	264.0	251.2	234.0
-57.5°	285.2	286.0	284.8	283.3	281.7	274.5	264.6	254.1	240.9	225.7	209.7
-60°	280.9	278.6	272.7	266.1	258.9	250.5	238.9	226.7	213.8	200.5	186.6
-62.5°	258.3	251.7	245.6	237.9	229.4	219.9	209.5	198.7	187.4	175.6	164.3
-65°	226.3	219.4	212.8	205.9	198.3	189.9	180.7	171.8	162.7	153.0	142.9
-67.5°	192.6	187.0	181.2	175.0	168.8	162.4	155.3	147.5	139.3	130.8	122.1
-70°	160.4	155.8	151.1	146.5	141.8	136.7	130.5	123.6	116.3	109.5	103.1
-72.5°	130.9	127.2	123.4	119.7	115.5	111.2	106.4	101.2	96.1	90.9	85.3
-75°	103.4	100.4	97.3	94.3	91.1	87.5	84.0	80.3	76.4	72.2	67.6
-77.5°	77.1	75.1	73.0	70.9	68.5	65.9	63.1	60.3	57.5	54.5	51.1
-80°	54.1	53.1	51.9	50.4	48.9	47.1	45.1	42.9	40.5	38.1	35.8
-82.5°	36.0	35.2	34.2	33.1	31.8	30.4	28.9	27.4	25.9	24.2	22.6
-85°	19.8	19.3	18.8	18.1	17.3	16.6	15.9	15.2	14.6	13.9	13.1
-87.5°	6.4	6.3	6.2	6.3	6.5	6.6	6.6	6.4	6.2	6.0	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558892 (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°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.1	2.8	2.4
85°	12.5	11.8	11.0	10.1	9.1	8.1	7.5	6.8	6.2	5.5	4.9
82.5°	21.1	20.0	19.0	17.8	16.3	14.8	13.3	11.7	10.1	8.4	7.3
80°	33.5	31.3	29.0	26.6	24.0	21.5	19.4	17.4	15.4	13.3	11.0
77.5°	47.4	43.6	39.8	36.5	33.1	29.8	26.4	23.3	20.6	18.1	15.3
75°	62.4	57.6	52.9	48.0	42.9	37.9	33.9	29.9	26.4	22.9	19.6
72.5°	79.3	73.1	66.6	59.9	53.9	47.9	41.9	36.5	32.2	28.0	23.9
70°	96.3	89.0	81.6	73.9	65.8	57.8	50.9	44.4	38.0	33.0	28.2
67.5°	113.3	105.4	97.0	87.9	78.8	69.5	60.1	52.5	45.3	38.0	32.5
65°	132.8	122.7	112.5	102.5	92.1	81.4	71.1	61.1	52.5	44.4	36.6
62.5°	152.6	140.7	129.1	117.3	105.7	93.9	81.9	71.0	59.9	50.7	41.7
60°	172.8	159.6	145.8	132.5	119.5	106.5	93.4	80.7	68.7	56.9	47.1
57.5°	194.3	178.6	163.4	147.9	133.1	119.0	104.7	90.7	77.3	64.2	52.4
55°	216.0	198.5	181.0	164.0	147.1	131.1	115.8	100.5	85.7	71.6	57.6
52.5°	239.0	218.6	199.0	180.1	161.7	143.4	126.9	109.9	94.1	78.8	63.8
50°	258.8	239.3	217.1	196.2	176.0	156.7	137.8	119.8	102.2	85.9	69.9
47.5°	275.1	256.7	235.5	212.2	190.4	169.7	149.3	129.6	109.9	92.6	75.7
45°	282.1	271.7	251.7	228.4	204.5	182.5	160.7	139.1	118.4	99.1	81.2
42.5°	286.1	279.6	265.4	243.7	219.1	195.1	171.7	149.0	126.8	105.4	86.6
40°	282.2	283.4	276.1	256.6	233.4	207.1	182.7	158.6	134.9	111.8	91.9
37.5°	277.7	282.5	279.6	269.0	246.6	219.8	193.1	167.7	142.7	118.6	96.9
35°	274.8	278.3	283.3	276.2	257.4	231.9	203.1	176.4	150.3	125.0	101.7
32.5°	272.4	275.0	280.6	279.4	267.6	243.4	213.1	184.8	157.5	131.0	106.2
30°	274.6	273.1	277.4	282.3	275.1	252.3	222.9	192.6	164.2	136.6	110.6
27.5°	277.7	271.0	274.6	281.0	277.5	260.4	231.8	199.9	170.4	141.9	115.2
25°	281.5	272.3	272.7	278.4	279.7	267.6	240.0	206.6	176.3	146.9	119.3
22.5°	287.3	274.5	270.9	275.9	281.7	274.3	246.7	213.3	181.7	151.5	123.0
20°	292.5	276.3	269.1	273.6	281.3	276.0	252.2	219.3	186.6	155.6	126.4
17.5°	297.9	279.1	270.2	272.1	279.4	277.5	257.1	224.5	190.9	159.3	129.3
15°	306.7	283.0	271.5	270.9	277.6	278.8	261.5	229.1	194.7	162.5	131.9
12.5°	314.1	286.1	272.5	269.8	275.9	279.9	265.3	232.9	197.8	165.1	134.1
10°	320.2	288.7	273.1	268.9	274.3	280.9	268.4	236.3	200.7	167.2	135.9
7.5°	324.8	290.5	273.5	268.2	273.0	281.6	271.4	239.7	203.1	168.7	137.4
5°	328.2	292.5	274.4	267.8	272.2	282.1	273.6	242.5	204.9	169.8	138.4
2.5°	331.1	295.3	275.8	267.7	271.8	282.4	275.0	244.7	206.2	170.3	139.0
0°	332.5	297.3	277.0	267.6	271.6	282.5	275.7	246.0	206.8	170.3	139.2
-2.5°	331.1	295.3	275.8	267.7	271.8	282.4	275.0	244.7	206.2	170.3	139.0
-5°	328.2	292.5	274.4	267.8	272.2	282.1	273.6	242.5	204.9	169.8	138.4
-7.5°	324.8	290.5	273.5	268.2	273.0	281.6	271.4	239.7	203.1	168.7	137.4
-10°	320.2	288.7	273.1	268.9	274.3	280.9	268.4	236.3	200.7	167.2	135.9
-12.5°	314.1	286.1	272.5	269.8	275.9	279.9	265.3	232.9	197.8	165.1	134.1
-15°	306.7	283.0	271.5	270.9	277.6	278.8	261.5	229.1	194.7	162.5	131.9
-17.5°	297.9	279.1	270.2	272.1	279.4	277.5	257.1	224.5	190.9	159.3	129.3
-20°	292.5	276.3	269.1	273.6	281.3	276.0	252.2	219.3	186.6	155.6	126.4



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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°	287.3	274.5	270.9	275.9	281.7	274.3	246.7	213.3	181.7	151.5	123.0
-25°	281.5	272.3	272.7	278.4	279.7	267.6	240.0	206.6	176.3	146.9	119.3
-27.5°	277.7	271.0	274.6	281.0	277.5	260.4	231.8	199.9	170.4	141.9	115.2
-30°	274.6	273.1	277.4	282.3	275.1	252.3	222.9	192.6	164.2	136.6	110.6
-32.5°	272.4	275.0	280.6	279.4	267.6	243.4	213.1	184.8	157.5	131.0	106.2
-35°	274.8	278.3	283.3	276.2	257.4	231.9	203.1	176.4	150.3	125.0	101.7
-37.5°	277.7	282.5	279.6	269.0	246.6	219.8	193.1	167.7	142.7	118.6	96.9
-40°	282.2	283.4	276.1	256.6	233.4	207.1	182.7	158.6	134.9	111.8	91.9
-42.5°	286.1	279.6	265.4	243.7	219.1	195.1	171.7	149.0	126.8	105.4	86.6
-45°	282.1	271.7	251.7	228.4	204.5	182.5	160.7	139.1	118.4	99.1	81.2
-47.5°	275.1	256.7	235.5	212.2	190.4	169.7	149.3	129.6	109.9	92.6	75.7
-50°	258.8	239.3	217.1	196.2	176.0	156.7	137.8	119.8	102.2	85.9	69.9
-52.5°	239.0	218.6	199.0	180.1	161.7	143.4	126.9	109.9	94.1	78.8	63.8
-55°	216.0	198.5	181.0	164.0	147.1	131.1	115.8	100.5	85.7	71.6	57.6
-57.5°	194.3	178.6	163.4	147.9	133.1	119.0	104.7	90.7	77.3	64.2	52.4
-60°	172.8	159.6	145.8	132.5	119.5	106.5	93.4	80.7	68.7	56.9	47.1
-62.5°	152.6	140.7	129.1	117.3	105.7	93.9	81.9	71.0	59.9	50.7	41.7
-65°	132.8	122.7	112.5	102.5	92.1	81.4	71.1	61.1	52.5	44.4	36.6
-67.5°	113.3	105.4	97.0	87.9	78.8	69.5	60.1	52.5	45.3	38.0	32.5
-70°	96.3	89.0	81.6	73.9	65.8	57.8	50.9	44.4	38.0	33.0	28.2
-72.5°	79.3	73.1	66.6	59.9	53.9	47.9	41.9	36.5	32.2	28.0	23.9
-75°	62.4	57.6	52.9	48.0	42.9	37.9	33.9	29.9	26.4	22.9	19.6
-77.5°	47.4	43.6	39.8	36.5	33.1	29.8	26.4	23.3	20.6	18.1	15.3
-80°	33.5	31.3	29.0	26.6	24.0	21.5	19.4	17.4	15.4	13.3	11.0
-82.5°	21.1	20.0	19.0	17.8	16.3	14.8	13.3	11.7	10.1	8.4	7.3
-85°	12.5	11.8	11.0	10.1	9.1	8.1	7.5	6.8	6.2	5.5	4.9
-87.5°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.1	2.8	2.4
-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°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
80°	8.6	7.0	5.6	4.2	2.8	1.4	0.0
77.5°	12.3	9.2	7.0	5.2	3.5	1.8	0.0
75°	16.1	12.2	8.5	6.3	4.2	2.1	0.0
72.5°	19.7	15.2	10.9	7.3	4.9	2.4	0.0
70°	23.4	18.2	13.2	8.4	5.5	2.8	0.0
67.5°	27.0	21.1	15.5	10.1	6.2	3.1	0.0
65°	30.6	24.1	17.7	11.7	6.8	3.4	0.0
62.5°	34.1	27.1	19.9	13.3	7.5	3.7	0.0
60°	37.7	30.2	22.0	14.9	8.1	4.0	0.0
57.5°	42.1	33.1	24.4	16.4	9.1	4.4	0.0
55°	46.6	36.1	26.8	17.9	10.1	4.6	0.0
52.5°	50.9	39.1	29.2	19.3	11.1	4.9	0.0
50°	55.1	42.6	31.5	20.7	12.0	5.2	0.0
47.5°	59.3	46.0	33.7	22.1	13.0	5.5	0.0
45°	64.0	49.2	35.9	23.7	13.8	5.7	0.0
42.5°	68.5	52.4	38.0	25.3	14.7	6.0	0.0
40°	72.7	55.4	40.2	26.8	15.5	6.2	0.0
37.5°	76.7	58.2	42.4	28.3	16.3	6.4	0.0
35°	80.4	61.2	44.6	29.6	17.1	6.6	0.0
32.5°	84.0	64.1	46.6	30.9	17.8	6.8	0.0
30°	87.6	66.8	48.5	32.0	18.5	7.0	0.0
27.5°	91.0	69.3	50.1	33.1	19.1	7.2	0.0
25°	94.1	71.5	51.6	34.0	19.7	7.3	0.0
22.5°	96.9	73.5	52.9	34.8	20.3	7.5	0.0
20°	99.5	75.2	54.1	35.6	20.8	7.6	0.0
17.5°	101.8	76.7	55.2	36.2	21.2	7.7	0.0
15°	103.8	78.0	56.0	36.7	21.6	7.8	0.0
12.5°	105.5	79.1	56.8	37.1	22.0	7.9	0.0
10°	106.9	79.9	57.3	37.5	22.3	8.0	0.0
7.5°	108.0	80.5	57.8	37.7	22.6	8.0	0.0
5°	108.8	80.9	58.0	37.8	22.8	8.1	0.0
2.5°	109.3	81.1	58.1	37.8	22.9	8.1	0.0
0°	109.5	81.1	58.1	37.8	23.0	8.1	0.0
-2.5°	109.3	81.1	58.1	37.8	22.9	8.1	0.0
-5°	108.8	80.9	58.0	37.8	22.8	8.1	0.0
-7.5°	108.0	80.5	57.8	37.7	22.6	8.0	0.0
-10°	106.9	79.9	57.3	37.5	22.3	8.0	0.0
-12.5°	105.5	79.1	56.8	37.1	22.0	7.9	0.0
-15°	103.8	78.0	56.0	36.7	21.6	7.8	0.0
-17.5°	101.8	76.7	55.2	36.2	21.2	7.7	0.0
-20°	99.5	75.2	54.1	35.6	20.8	7.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	96.9	73.5	52.9	34.8	20.3	7.5	0.0
-25°	94.1	71.5	51.6	34.0	19.7	7.3	0.0
-27.5°	91.0	69.3	50.1	33.1	19.1	7.2	0.0
-30°	87.6	66.8	48.5	32.0	18.5	7.0	0.0
-32.5°	84.0	64.1	46.6	30.9	17.8	6.8	0.0
-35°	80.4	61.2	44.6	29.6	17.1	6.6	0.0
-37.5°	76.7	58.2	42.4	28.3	16.3	6.4	0.0
-40°	72.7	55.4	40.2	26.8	15.5	6.2	0.0
-42.5°	68.5	52.4	38.0	25.3	14.7	6.0	0.0
-45°	64.0	49.2	35.9	23.7	13.8	5.7	0.0
-47.5°	59.3	46.0	33.7	22.1	13.0	5.5	0.0
-50°	55.1	42.6	31.5	20.7	12.0	5.2	0.0
-52.5°	50.9	39.1	29.2	19.3	11.1	4.9	0.0
-55°	46.6	36.1	26.8	17.9	10.1	4.6	0.0
-57.5°	42.1	33.1	24.4	16.4	9.1	4.4	0.0
-60°	37.7	30.2	22.0	14.9	8.1	4.0	0.0
-62.5°	34.1	27.1	19.9	13.3	7.5	3.7	0.0
-65°	30.6	24.1	17.7	11.7	6.8	3.4	0.0
-67.5°	27.0	21.1	15.5	10.1	6.2	3.1	0.0
-70°	23.4	18.2	13.2	8.4	5.5	2.8	0.0
-72.5°	19.7	15.2	10.9	7.3	4.9	2.4	0.0
-75°	16.1	12.2	8.5	6.3	4.2	2.1	0.0
-77.5°	12.3	9.2	7.0	5.2	3.5	1.8	0.0
-80°	8.6	7.0	5.6	4.2	2.8	1.4	0.0
-82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)