

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: P558828 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558828 (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-SA3D-935-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

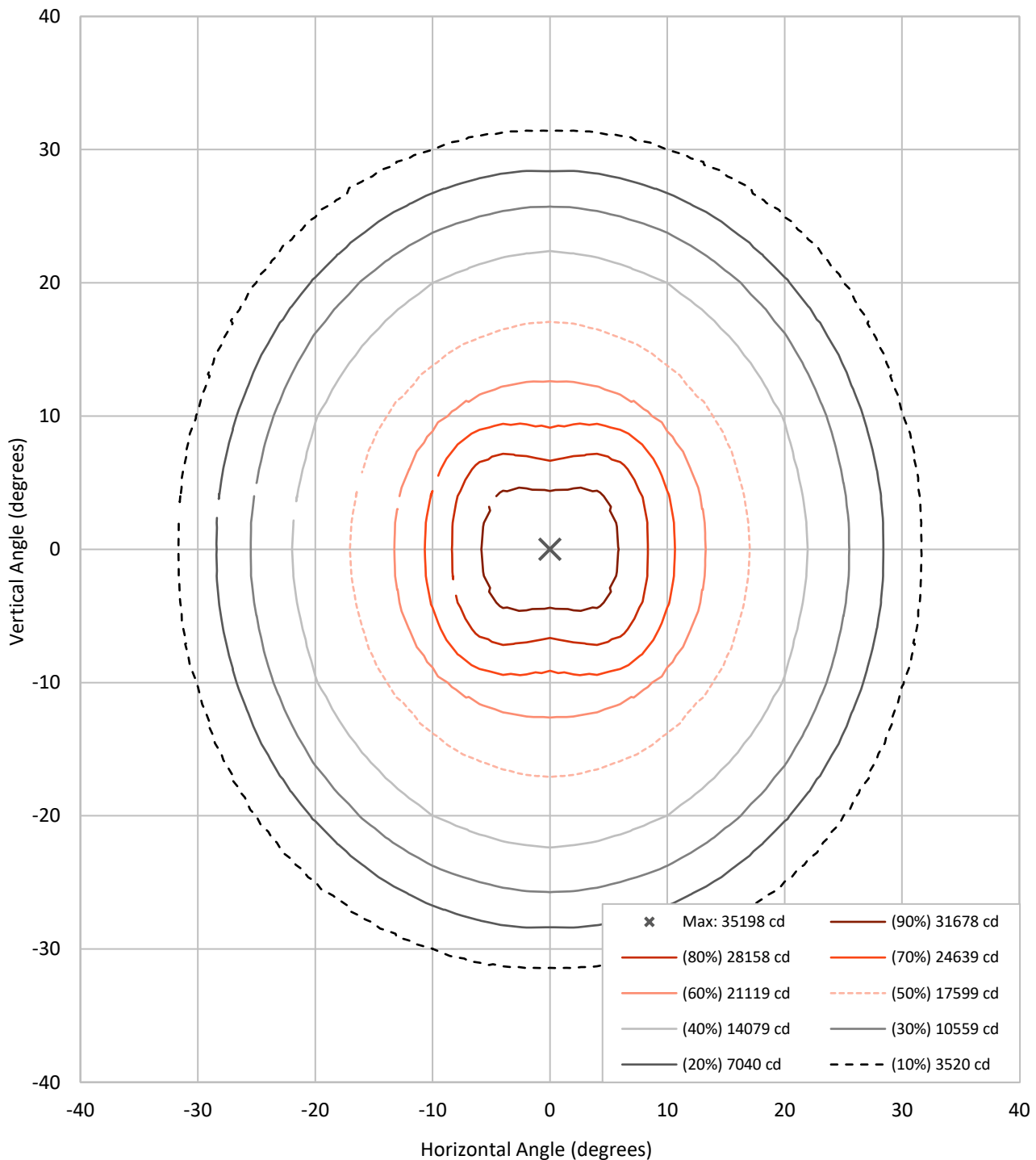
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	15570.7 lumens	Max Intensity:	35198 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6632.1 lumens	Field Lumens:	13554.7 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 158
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





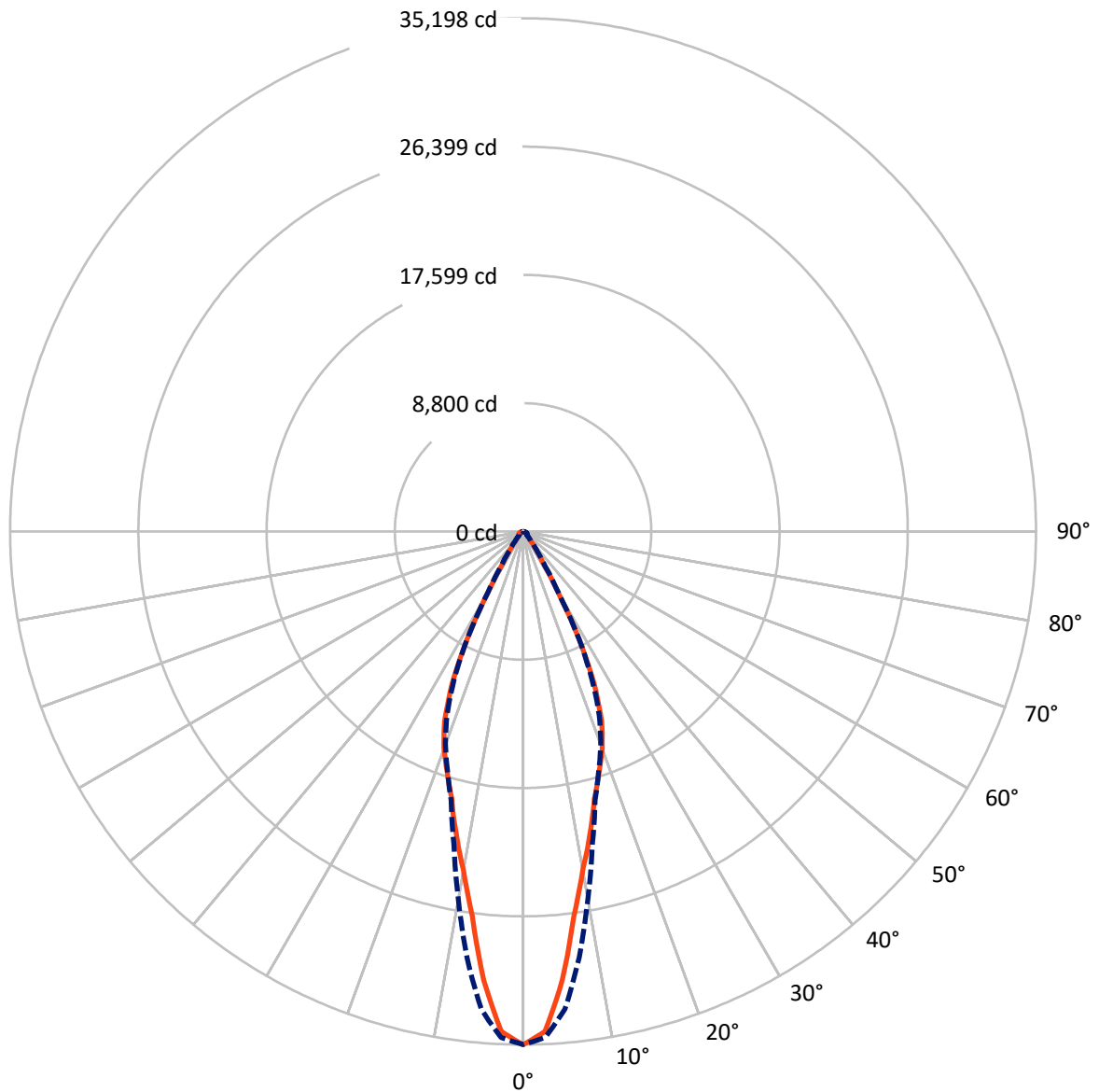
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Lumen Table

90	0.2		1.7		4.8		8.0		9.3		8.0		4.8		1.7		0.2
80	0.2		1.7		4.8		8.0		9.3		8.0		4.8		1.7		0.2
70	0.8	0.9	2.0	3.4	5.0	6.5	7.6	8.2	8.2	7.6	6.5	5.0	3.4	2.0	0.9	0.8	
60		1.5	3.2	5.5	7.5	8.5	9.0	9.2	9.2	9.0	8.5	7.5	5.5	3.2	1.5		
50	1.5	2.0	4.4	6.6	7.7	9.6	12.3	14.2	14.2	12.3	9.6	7.7	6.6	4.4	2.0	1.5	
40		2.6	5.1	6.7	10.1	19.8	37.7	57.7	57.7	37.7	19.8	10.1	6.7	5.1	2.6		
30	2.0	3.0	5.3	7.5	18.2	60.6	190.5	313.7	313.7	190.5	60.6	18.2	7.5	5.3	3.0	2.0	
20		3.3	5.3	9.2	34.0	179.6	424.4	562.1	562.1	424.4	179.6	34.0	9.2	5.3	3.3		
10	2.2	3.4	5.3	10.6	51.7	282.9	551.9	870.9	870.9	551.9	282.9	51.7	10.6	5.3	3.4	2.2	
0		3.4	5.3	10.6	51.7	282.9	551.9	870.9	870.9	551.9	282.9	51.7	10.6	5.3	3.4		
-10	2.0	3.3	5.3	9.2	34.0	179.6	424.4	562.1	562.1	424.4	179.6	34.0	9.2	5.3	3.3	2.0	
-20		3.0	5.3	7.5	18.2	60.6	190.5	313.7	313.7	190.5	60.6	18.2	7.5	5.3	3.0		
-30	1.5	2.6	5.1	6.7	10.1	19.8	37.7	57.7	57.7	37.7	19.8	10.1	6.7	5.1	2.6	1.5	
-40		2.0	4.4	6.6	7.7	9.6	12.3	14.2	14.2	12.3	9.6	7.7	6.6	4.4	2.0		
-50	0.8	1.5	3.2	5.5	7.5	8.5	9.0	9.2	9.2	9.0	8.5	7.5	5.5	3.2	1.5	0.8	
-60		0.9	2.0	3.4	5.0	6.5	7.6	8.2	8.2	7.6	6.5	5.0	3.4	2.0	0.9		
-70	0.2		1.7		4.8		8.0		9.3		8.0		4.8		1.7		0.2
-80	0.2		1.7		4.8		8.0		9.3		8.0		4.8		1.7		0.2
-90	0.2		1.7		4.8		8.0		9.3		8.0		4.8		1.7		0.2

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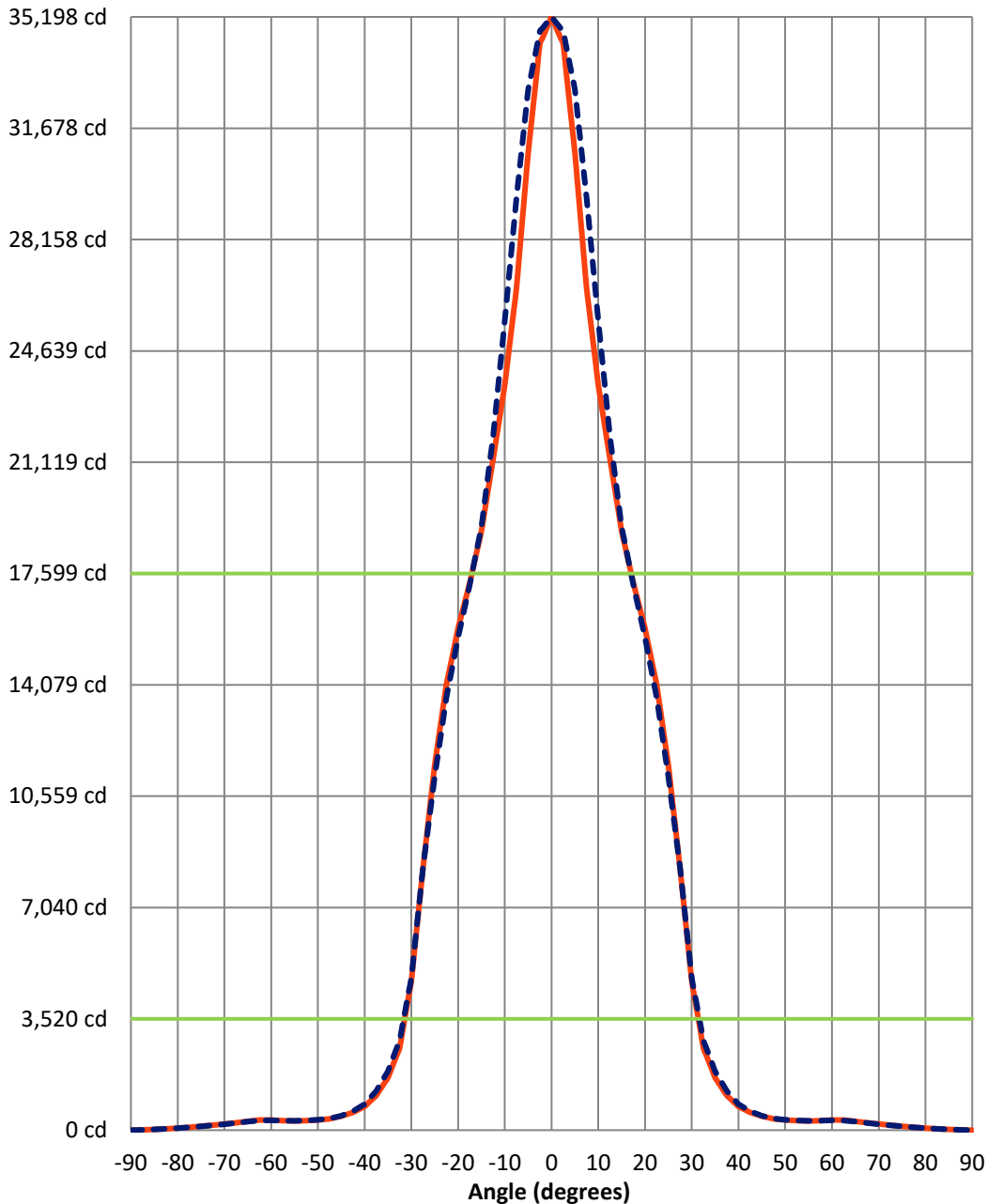
Luminous Intensity Polar Plot



— 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: 6632.1
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 13554.7
Efficiency: 87.1%

Spill:
Lumens: 2016
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	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.4	11.2	13.0
80°	0.0	1.6	3.1	4.7	6.2	7.8	9.5	12.2	14.7	17.0	19.2
77.5°	0.0	1.9	3.9	5.8	7.8	10.2	13.7	16.9	20.0	22.8	25.7
75°	0.0	2.3	4.7	7.0	9.5	13.5	17.8	21.7	25.3	29.1	33.1
72.5°	0.0	2.7	5.4	8.1	12.1	16.9	21.8	26.4	30.9	35.6	40.4
70°	0.0	3.1	6.1	9.4	14.6	20.1	25.8	31.2	36.5	42.0	49.1
67.5°	0.0	3.4	6.9	11.2	17.1	23.3	29.8	35.9	42.0	50.1	58.0
65°	0.0	3.8	7.6	13.0	19.6	26.6	33.8	40.5	49.1	58.0	67.5
62.5°	0.0	4.2	8.3	14.8	22.0	30.0	37.7	46.1	56.0	66.2	78.4
60°	0.0	4.5	9.0	16.5	24.3	33.3	41.7	52.1	62.8	75.9	89.2
57.5°	0.0	4.8	10.1	18.2	27.0	36.6	46.6	57.9	70.9	85.4	100.2
55°	0.0	5.2	11.2	19.8	29.7	39.9	51.5	63.7	79.1	94.7	111.0
52.5°	0.0	5.5	12.3	21.4	32.3	43.2	56.3	70.5	87.1	104.0	121.4
50°	0.0	5.8	13.3	22.9	34.8	47.1	60.9	77.2	94.9	112.8	132.4
47.5°	0.0	6.1	14.4	24.4	37.2	50.8	65.5	83.6	102.3	121.3	143.2
45°	0.0	6.4	15.3	26.2	39.6	54.4	70.8	89.8	109.5	130.8	153.8
42.5°	0.0	6.6	16.3	28.0	41.9	57.8	75.7	95.7	116.4	140.1	164.7
40°	0.0	6.9	17.2	29.7	44.4	61.1	80.4	101.5	123.5	149.1	175.2
37.5°	0.0	7.1	18.1	31.3	46.9	64.3	84.8	107.0	131.0	157.7	185.2
35°	0.0	7.4	18.9	32.7	49.3	67.6	88.9	112.3	138.1	166.1	194.9
32.5°	0.0	7.6	19.7	34.1	51.5	70.8	92.8	117.3	144.8	174.0	204.1
30°	0.0	7.8	20.4	35.4	53.6	73.8	96.8	122.2	150.9	181.4	212.7
27.5°	0.0	8.0	21.1	36.5	55.4	76.5	100.5	127.2	156.8	188.2	220.8
25°	0.0	8.2	21.8	37.6	57.0	79.0	103.9	131.8	162.3	194.7	228.2
22.5°	0.0	8.3	22.4	38.5	58.5	81.2	107.1	135.9	167.4	200.7	235.6
20°	0.0	8.5	23.0	39.3	59.8	83.1	109.9	139.6	172.0	206.1	242.2
17.5°	0.0	8.6	23.5	40.0	60.9	84.8	112.4	142.9	176.0	210.9	248.1
15°	0.0	8.7	23.9	40.6	61.9	86.2	114.6	145.7	179.5	215.0	253.1
12.5°	0.0	8.8	24.3	41.0	62.7	87.4	116.5	148.2	182.4	218.5	257.3
10°	0.0	8.9	24.6	41.4	63.4	88.3	118.1	150.2	184.7	221.7	261.0
7.5°	0.0	8.9	24.9	41.7	63.8	89.0	119.3	151.8	186.4	224.4	264.9
5°	0.0	9.0	25.1	41.8	64.1	89.4	120.2	152.9	187.5	226.4	267.9
2.5°	0.0	9.0	25.3	41.9	64.2	89.6	120.7	153.6	188.1	227.7	270.2
0°	0.0	9.0	25.4	41.8	64.2	89.6	120.9	153.8	188.1	228.4	271.7
-2.5°	0.0	9.0	25.3	41.9	64.2	89.6	120.7	153.6	188.1	227.7	270.2
-5°	0.0	9.0	25.1	41.8	64.1	89.4	120.2	152.9	187.5	226.4	267.9
-7.5°	0.0	8.9	24.9	41.7	63.8	89.0	119.3	151.8	186.4	224.4	264.9
-10°	0.0	8.9	24.6	41.4	63.4	88.3	118.1	150.2	184.7	221.7	261.0
-12.5°	0.0	8.8	24.3	41.0	62.7	87.4	116.5	148.2	182.4	218.5	257.3
-15°	0.0	8.7	23.9	40.6	61.9	86.2	114.6	145.7	179.5	215.0	253.1
-17.5°	0.0	8.6	23.5	40.0	60.9	84.8	112.4	142.9	176.0	210.9	248.1
-20°	0.0	8.5	23.0	39.3	59.8	83.1	109.9	139.6	172.0	206.1	242.2



REPORT NUMBER: P558828 (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	8.3	22.4	38.5	58.5	81.2	107.1	135.9	167.4	200.7	235.6
-25°	0.0	8.2	21.8	37.6	57.0	79.0	103.9	131.8	162.3	194.7	228.2
-27.5°	0.0	8.0	21.1	36.5	55.4	76.5	100.5	127.2	156.8	188.2	220.8
-30°	0.0	7.8	20.4	35.4	53.6	73.8	96.8	122.2	150.9	181.4	212.7
-32.5°	0.0	7.6	19.7	34.1	51.5	70.8	92.8	117.3	144.8	174.0	204.1
-35°	0.0	7.4	18.9	32.7	49.3	67.6	88.9	112.3	138.1	166.1	194.9
-37.5°	0.0	7.1	18.1	31.3	46.9	64.3	84.8	107.0	131.0	157.7	185.2
-40°	0.0	6.9	17.2	29.7	44.4	61.1	80.4	101.5	123.5	149.1	175.2
-42.5°	0.0	6.6	16.3	28.0	41.9	57.8	75.7	95.7	116.4	140.1	164.7
-45°	0.0	6.4	15.3	26.2	39.6	54.4	70.8	89.8	109.5	130.8	153.8
-47.5°	0.0	6.1	14.4	24.4	37.2	50.8	65.5	83.6	102.3	121.3	143.2
-50°	0.0	5.8	13.3	22.9	34.8	47.1	60.9	77.2	94.9	112.8	132.4
-52.5°	0.0	5.5	12.3	21.4	32.3	43.2	56.3	70.5	87.1	104.0	121.4
-55°	0.0	5.2	11.2	19.8	29.7	39.9	51.5	63.7	79.1	94.7	111.0
-57.5°	0.0	4.8	10.1	18.2	27.0	36.6	46.6	57.9	70.9	85.4	100.2
-60°	0.0	4.5	9.0	16.5	24.3	33.3	41.7	52.1	62.8	75.9	89.2
-62.5°	0.0	4.2	8.3	14.8	22.0	30.0	37.7	46.1	56.0	66.2	78.4
-65°	0.0	3.8	7.6	13.0	19.6	26.6	33.8	40.5	49.1	58.0	67.5
-67.5°	0.0	3.4	6.9	11.2	17.1	23.3	29.8	35.9	42.0	50.1	58.0
-70°	0.0	3.1	6.1	9.4	14.6	20.1	25.8	31.2	36.5	42.0	49.1
-72.5°	0.0	2.7	5.4	8.1	12.1	16.9	21.8	26.4	30.9	35.6	40.4
-75°	0.0	2.3	4.7	7.0	9.5	13.5	17.8	21.7	25.3	29.1	33.1
-77.5°	0.0	1.9	3.9	5.8	7.8	10.2	13.7	16.9	20.0	22.8	25.7
-80°	0.0	1.6	3.1	4.7	6.2	7.8	9.5	12.2	14.7	17.0	19.2
-82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.4	11.2	13.0
-85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
-87.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
85°	8.3	9.0	10.1	11.2	12.1	13.0	13.8	14.5	15.3	16.1	16.9
82.5°	14.7	16.4	18.1	19.7	21.0	22.1	23.3	24.9	26.8	28.6	30.3
80°	21.5	23.8	26.6	29.4	32.0	34.5	37.1	39.6	42.1	44.7	47.4
77.5°	29.3	32.9	36.6	40.4	44.0	48.2	52.4	56.5	60.2	63.5	66.6
75°	37.4	41.9	47.4	53.0	58.4	63.7	69.0	74.7	79.8	84.4	88.7
72.5°	46.4	52.9	59.5	66.2	73.6	80.7	87.6	94.3	100.4	106.1	111.9
70°	56.3	63.8	72.7	81.6	90.2	98.4	106.4	113.9	121.0	128.5	136.5
67.5°	66.4	76.8	87.0	97.1	107.2	116.5	125.2	134.9	144.5	154.0	163.0
65°	78.5	90.0	101.7	113.3	124.3	135.5	146.8	157.9	169.1	179.8	189.8
62.5°	90.4	103.8	116.8	129.6	142.7	155.4	168.6	181.6	194.1	207.1	219.6
60°	103.1	117.6	132.0	146.4	161.0	176.3	190.9	206.2	221.5	236.3	250.5
57.5°	115.7	131.4	147.1	163.4	180.5	197.3	214.6	231.7	249.3	266.1	280.7
55°	127.9	144.9	162.5	181.2	199.9	219.3	238.6	258.6	277.4	291.6	304.8
52.5°	140.2	158.5	178.6	198.9	219.8	241.5	264.0	283.2	299.0	311.0	314.0
50°	152.3	173.2	194.5	216.8	239.8	264.3	285.9	303.3	312.1	315.5	313.8
47.5°	165.0	187.4	210.3	234.3	260.2	283.6	304.0	312.8	317.0	312.5	306.8
45°	177.6	201.6	225.9	252.2	278.0	300.3	311.7	318.0	312.3	306.8	302.9
42.5°	189.7	215.4	242.0	269.2	293.2	308.9	316.1	312.5	307.7	303.4	304.8
40°	201.8	228.7	257.8	283.4	305.1	313.0	311.8	307.4	304.6	306.4	312.4
37.5°	213.3	242.7	272.4	297.2	308.9	312.1	306.8	303.9	306.0	313.0	326.5
35°	224.3	256.1	284.4	305.2	313.0	307.5	303.7	303.2	311.2	325.5	345.5
32.5°	235.4	268.9	295.7	308.7	309.9	303.9	301.0	307.8	320.4	339.3	372.9
30°	246.2	278.7	304.0	311.8	306.4	301.7	303.3	313.2	330.3	361.8	416.1
27.5°	256.1	287.7	306.6	310.4	303.4	299.4	306.8	321.7	346.6	388.5	466.1
25°	265.1	295.7	308.9	307.5	301.4	300.9	311.0	329.3	363.6	431.4	537.7
22.5°	272.5	303.1	311.2	304.9	299.3	303.3	317.4	342.9	388.8	471.9	612.5
20°	278.6	305.0	310.7	302.4	297.3	305.3	323.1	356.2	422.6	535.2	696.7
17.5°	284.1	306.6	308.6	300.7	298.5	308.4	329.1	368.0	452.6	589.6	777.5
15°	288.9	308.0	306.6	299.3	300.0	312.6	338.8	390.4	488.7	640.9	850.1
12.5°	293.1	309.2	304.8	298.0	301.0	316.1	347.1	410.7	524.3	696.5	966.5
10°	296.6	310.2	303.0	297.1	301.8	318.9	353.8	426.8	551.7	743.7	1064.2
7.5°	299.8	311.0	301.6	296.3	302.2	320.9	358.9	438.6	571.2	781.6	1137.3
5°	302.3	311.6	300.8	295.9	303.3	323.2	362.6	446.2	583.1	809.2	1186.3
2.5°	303.8	311.9	300.3	295.7	304.8	326.2	365.8	452.7	593.7	822.9	1221.1
0°	304.6	312.0	300.1	295.6	306.1	328.5	367.3	455.4	598.7	822.7	1242.2
-2.5°	303.8	311.9	300.3	295.7	304.8	326.2	365.8	452.7	593.7	822.9	1221.1
-5°	302.3	311.6	300.8	295.9	303.3	323.2	362.6	446.2	583.1	809.2	1186.3
-7.5°	299.8	311.0	301.6	296.3	302.2	320.9	358.9	438.6	571.2	781.6	1137.3
-10°	296.6	310.2	303.0	297.1	301.8	318.9	353.8	426.8	551.7	743.7	1064.2
-12.5°	293.1	309.2	304.8	298.0	301.0	316.1	347.1	410.7	524.3	696.5	966.5
-15°	288.9	308.0	306.6	299.3	300.0	312.6	338.8	390.4	488.7	640.9	850.1
-17.5°	284.1	306.6	308.6	300.7	298.5	308.4	329.1	368.0	452.6	589.6	777.5
-20°	278.6	305.0	310.7	302.4	297.3	305.3	323.1	356.2	422.6	535.2	696.7



REPORT NUMBER: P558828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	272.5	303.1	311.2	304.9	299.3	303.3	317.4	342.9	388.8	471.9	612.5
-25°	265.1	295.7	308.9	307.5	301.4	300.9	311.0	329.3	363.6	431.4	537.7
-27.5°	256.1	287.7	306.6	310.4	303.4	299.4	306.8	321.7	346.6	388.5	466.1
-30°	246.2	278.7	304.0	311.8	306.4	301.7	303.3	313.2	330.3	361.8	416.1
-32.5°	235.4	268.9	295.7	308.7	309.9	303.9	301.0	307.8	320.4	339.3	372.9
-35°	224.3	256.1	284.4	305.2	313.0	307.5	303.7	303.2	311.2	325.5	345.5
-37.5°	213.3	242.7	272.4	297.2	308.9	312.1	306.8	303.9	306.0	313.0	326.5
-40°	201.8	228.7	257.8	283.4	305.1	313.0	311.8	307.4	304.6	306.4	312.4
-42.5°	189.7	215.4	242.0	269.2	293.2	308.9	316.1	312.5	307.7	303.4	304.8
-45°	177.6	201.6	225.9	252.2	278.0	300.3	311.7	318.0	312.3	306.8	302.9
-47.5°	165.0	187.4	210.3	234.3	260.2	283.6	304.0	312.8	317.0	312.5	306.8
-50°	152.3	173.2	194.5	216.8	239.8	264.3	285.9	303.3	312.1	315.5	313.8
-52.5°	140.2	158.5	178.6	198.9	219.8	241.5	264.0	283.2	299.0	311.0	314.0
-55°	127.9	144.9	162.5	181.2	199.9	219.3	238.6	258.6	277.4	291.6	304.8
-57.5°	115.7	131.4	147.1	163.4	180.5	197.3	214.6	231.7	249.3	266.1	280.7
-60°	103.1	117.6	132.0	146.4	161.0	176.3	190.9	206.2	221.5	236.3	250.5
-62.5°	90.4	103.8	116.8	129.6	142.7	155.4	168.6	181.6	194.1	207.1	219.6
-65°	78.5	90.0	101.7	113.3	124.3	135.5	146.8	157.9	169.1	179.8	189.8
-67.5°	66.4	76.8	87.0	97.1	107.2	116.5	125.2	134.9	144.5	154.0	163.0
-70°	56.3	63.8	72.7	81.6	90.2	98.4	106.4	113.9	121.0	128.5	136.5
-72.5°	46.4	52.9	59.5	66.2	73.6	80.7	87.6	94.3	100.4	106.1	111.9
-75°	37.4	41.9	47.4	53.0	58.4	63.7	69.0	74.7	79.8	84.4	88.7
-77.5°	29.3	32.9	36.6	40.4	44.0	48.2	52.4	56.5	60.2	63.5	66.6
-80°	21.5	23.8	26.6	29.4	32.0	34.5	37.1	39.6	42.1	44.7	47.4
-82.5°	14.7	16.4	18.1	19.7	21.0	22.1	23.3	24.9	26.8	28.6	30.3
-85°	8.3	9.0	10.1	11.2	12.1	13.0	13.8	14.5	15.3	16.1	16.9
-87.5°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	7.4	7.3	7.1	7.0	6.8	6.9	7.0	7.2	7.2	7.7	8.1
85°	17.5	18.3	19.1	20.0	20.8	21.4	21.9	22.4	22.8	23.1	23.4
82.5°	31.9	33.6	35.2	36.6	37.8	38.8	39.8	40.6	41.3	41.9	42.4
80°	49.8	52.0	54.0	55.7	57.3	58.6	59.7	60.6	61.4	62.8	64.3
77.5°	69.7	72.8	75.7	78.3	80.7	83.0	85.2	87.2	88.9	90.3	91.2
75°	92.8	96.7	100.6	104.3	107.6	111.0	114.2	117.3	120.0	121.8	123.1
72.5°	117.6	122.8	127.6	132.2	136.3	140.5	144.6	148.3	151.6	154.1	156.1
70°	144.1	150.9	156.5	161.8	166.9	172.1	177.2	181.6	185.4	188.5	191.1
67.5°	171.6	179.4	186.5	193.3	200.2	206.6	212.7	218.5	223.7	227.7	230.3
65°	199.7	209.8	219.1	227.5	235.1	242.3	250.0	257.1	263.5	268.7	272.7
62.5°	231.5	242.9	253.4	262.8	271.3	278.0	285.3	292.0	297.9	303.4	308.9
60°	264.0	276.7	286.0	293.9	301.3	307.8	310.3	312.7	314.7	316.5	318.7
57.5°	292.3	303.2	311.2	313.0	314.6	316.0	315.1	312.6	309.9	307.3	305.2
55°	312.0	315.2	318.7	316.0	311.6	307.5	303.9	301.4	299.1	297.0	295.2
52.5°	317.3	314.3	310.7	306.6	303.6	300.5	297.3	297.9	298.9	299.6	300.0
50°	309.6	306.1	304.1	301.8	302.2	303.8	305.1	308.0	311.7	314.3	316.5
47.5°	303.7	301.4	304.3	308.1	311.6	318.0	323.8	329.4	338.0	344.9	350.3
45°	302.0	307.6	313.5	322.8	330.9	345.0	358.3	369.5	390.1	409.0	423.8
42.5°	310.5	320.2	330.9	348.9	368.4	393.4	425.4	452.5	484.3	513.9	535.4
40°	324.6	338.9	362.8	391.9	437.4	477.8	530.9	576.3	619.1	664.3	698.3
37.5°	344.9	371.6	416.4	468.5	537.5	603.8	677.0	748.1	808.6	900.3	972.0
35°	375.0	429.1	492.6	579.8	669.9	771.5	878.5	1016.4	1137.9	1280.4	1414.3
32.5°	429.8	503.1	602.6	720.5	840.3	1015.5	1180.9	1405.0	1606.4	1857.6	2127.9
30°	493.9	603.3	737.0	891.0	1107.8	1349.0	1620.7	1964.5	2372.9	2859.2	3511.8
27.5°	582.4	722.8	891.0	1140.5	1448.2	1771.2	2253.3	2831.1	3884.0	4801.6	6017.7
25°	677.6	849.1	1115.1	1450.3	1855.2	2437.1	3379.5	4581.8	6284.6	7912.9	9214.7
22.5°	787.4	1037.9	1373.6	1790.9	2446.2	3572.8	5036.0	7153.2	9052.1	10694.4	11959.2
20°	908.9	1223.1	1674.4	2312.0	3427.9	5077.8	7426.8	9599.7	11539.2	12952.9	14070.4
17.5°	1066.3	1476.8	2049.3	2929.2	4641.9	7184.3	9605.9	11753.7	13441.2	14683.3	15674.0
15°	1213.3	1710.2	2452.3	3953.5	6291.1	9008.5	11490.6	13406.5	14866.9	16022.7	16913.4
12.5°	1386.7	1972.6	2923.3	4838.4	7807.7	10513.4	12828.8	14617.8	16024.1	17107.5	18301.3
10°	1541.2	2254.7	3598.3	6017.6	9053.0	11696.1	13944.6	15552.4	16962.5	18374.4	20164.5
7.5°	1668.8	2491.6	4151.7	7012.5	10009.2	12571.0	14619.4	16225.9	17780.0	19665.7	22247.6
5°	1770.1	2670.2	4607.0	7763.6	10704.2	13195.5	15134.8	16763.2	18518.6	21041.2	24506.0
2.5°	1837.8	2787.2	4891.7	8217.4	11142.8	13553.6	15516.8	17114.5	18955.1	21811.2	25431.0
0°	1864.8	2841.2	4819.5	8299.7	11169.3	13670.1	15573.7	17245.9	19079.3	21940.0	25600.9
-2.5°	1837.8	2787.2	4891.7	8217.4	11142.8	13553.6	15516.8	17114.5	18955.1	21811.2	25431.0
-5°	1770.1	2670.2	4607.0	7763.6	10704.2	13195.5	15134.8	16763.2	18518.6	21041.2	24506.0
-7.5°	1668.8	2491.6	4151.7	7012.5	10009.2	12571.0	14619.4	16225.9	17780.0	19665.7	22247.6
-10°	1541.2	2254.7	3598.3	6017.6	9053.0	11696.1	13944.6	15552.4	16962.5	18374.4	20164.5
-12.5°	1386.7	1972.6	2923.3	4838.4	7807.7	10513.4	12828.8	14617.8	16024.1	17107.5	18301.3
-15°	1213.3	1710.2	2452.3	3953.5	6291.1	9008.5	11490.6	13406.5	14866.9	16022.7	16913.4
-17.5°	1066.3	1476.8	2049.3	2929.2	4641.9	7184.3	9605.9	11753.7	13441.2	14683.3	15674.0
-20°	908.9	1223.1	1674.4	2312.0	3427.9	5077.8	7426.8	9599.7	11539.2	12952.9	14070.4



REPORT NUMBER: P558828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	787.4	1037.9	1373.6	1790.9	2446.2	3572.8	5036.0	7153.2	9052.1	10694.4	11959.2
-25°	677.6	849.1	1115.1	1450.3	1855.2	2437.1	3379.5	4581.8	6284.6	7912.9	9214.7
-27.5°	582.4	722.8	891.0	1140.5	1448.2	1771.2	2253.3	2831.1	3884.0	4801.6	6017.7
-30°	493.9	603.3	737.0	891.0	1107.8	1349.0	1620.7	1964.5	2372.9	2859.2	3511.8
-32.5°	429.8	503.1	602.6	720.5	840.3	1015.5	1180.9	1405.0	1606.4	1857.6	2127.9
-35°	375.0	429.1	492.6	579.8	669.9	771.5	878.5	1016.4	1137.9	1280.4	1414.3
-37.5°	344.9	371.6	416.4	468.5	537.5	603.8	677.0	748.1	808.6	900.3	972.0
-40°	324.6	338.9	362.8	391.9	437.4	477.8	530.9	576.3	619.1	664.3	698.3
-42.5°	310.5	320.2	330.9	348.9	368.4	393.4	425.4	452.5	484.3	513.9	535.4
-45°	302.0	307.6	313.5	322.8	330.9	345.0	358.3	369.5	390.1	409.0	423.8
-47.5°	303.7	301.4	304.3	308.1	311.6	318.0	323.8	329.4	338.0	344.9	350.3
-50°	309.6	306.1	304.1	301.8	302.2	303.8	305.1	308.0	311.7	314.3	316.5
-52.5°	317.3	314.3	310.7	306.6	303.6	300.5	297.3	297.9	298.9	299.6	300.0
-55°	312.0	315.2	318.7	316.0	311.6	307.5	303.9	301.4	299.1	297.0	295.2
-57.5°	292.3	303.2	311.2	313.0	314.6	316.0	315.1	312.6	309.9	307.3	305.2
-60°	264.0	276.7	286.0	293.9	301.3	307.8	310.3	312.7	314.7	316.5	318.7
-62.5°	231.5	242.9	253.4	262.8	271.3	278.0	285.3	292.0	297.9	303.4	308.9
-65°	199.7	209.8	219.1	227.5	235.1	242.3	250.0	257.1	263.5	268.7	272.7
-67.5°	171.6	179.4	186.5	193.3	200.2	206.6	212.7	218.5	223.7	227.7	230.3
-70°	144.1	150.9	156.5	161.8	166.9	172.1	177.2	181.6	185.4	188.5	191.1
-72.5°	117.6	122.8	127.6	132.2	136.3	140.5	144.6	148.3	151.6	154.1	156.1
-75°	92.8	96.7	100.6	104.3	107.6	111.0	114.2	117.3	120.0	121.8	123.1
-77.5°	69.7	72.8	75.7	78.3	80.7	83.0	85.2	87.2	88.9	90.3	91.2
-80°	49.8	52.0	54.0	55.7	57.3	58.6	59.7	60.6	61.4	62.8	64.3
-82.5°	31.9	33.6	35.2	36.6	37.8	38.8	39.8	40.6	41.3	41.9	42.4
-85°	17.5	18.3	19.1	20.0	20.8	21.4	21.9	22.4	22.8	23.1	23.4
-87.5°	7.4	7.3	7.1	7.0	6.8	6.9	7.0	7.2	7.2	7.7	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: P558828 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	8.6	9.0	9.0	9.0	9.0	9.0	8.6	8.1	7.7	7.2	7.2
85°	23.6	23.8	24.6	25.4	24.6	23.8	23.6	23.4	23.1	22.8	22.4
82.5°	42.8	43.1	43.2	43.3	43.2	43.1	42.8	42.4	41.9	41.3	40.6
80°	65.6	66.8	66.4	65.7	66.4	66.8	65.6	64.3	62.8	61.4	60.6
77.5°	91.8	92.1	91.7	91.1	91.7	92.1	91.8	91.2	90.3	88.9	87.2
75°	124.1	124.7	125.2	125.4	125.2	124.7	124.1	123.1	121.8	120.0	117.3
72.5°	157.7	158.9	158.9	158.3	158.9	158.9	157.7	156.1	154.1	151.6	148.3
70°	193.0	194.5	195.3	195.6	195.3	194.5	193.0	191.1	188.5	185.4	181.6
67.5°	232.1	233.1	234.0	234.4	234.0	233.1	232.1	230.3	227.7	223.7	218.5
65°	276.1	278.8	279.6	279.2	279.6	278.8	276.1	272.7	268.7	263.5	257.1
62.5°	314.1	318.6	320.5	321.0	320.5	318.6	314.1	308.9	303.4	297.9	292.0
60°	320.5	322.1	322.5	322.5	322.5	322.1	320.5	318.7	316.5	314.7	312.7
57.5°	303.2	301.5	300.4	300.1	300.4	301.5	303.2	305.2	307.3	309.9	312.6
55°	293.5	292.0	291.2	291.1	291.2	292.0	293.5	295.2	297.0	299.1	301.4
52.5°	300.1	299.9	300.5	301.6	300.5	299.9	300.1	300.0	299.6	298.9	297.9
50°	318.4	319.7	321.1	322.5	321.1	319.7	318.4	316.5	314.3	311.7	308.0
47.5°	354.3	356.3	357.6	358.3	357.6	356.3	354.3	350.3	344.9	338.0	329.4
45°	433.5	438.6	441.1	441.9	441.1	438.6	433.5	423.8	409.0	390.1	369.5
42.5°	549.6	557.4	560.7	561.4	560.7	557.4	549.6	535.4	513.9	484.3	452.5
40°	722.7	736.5	743.2	748.0	743.2	736.5	722.7	698.3	664.3	619.1	576.3
37.5°	1025.7	1060.6	1080.3	1097.4	1080.3	1060.6	1025.7	972.0	900.3	808.6	748.1
35°	1523.2	1603.0	1650.0	1660.2	1650.0	1603.0	1523.2	1414.3	1280.4	1137.9	1016.4
32.5°	2335.9	2492.5	2586.2	2597.9	2586.2	2492.5	2335.9	2127.9	1857.6	1606.4	1405.0
30°	4018.4	4457.2	4757.9	4716.5	4757.9	4457.2	4018.4	3511.8	2859.2	2372.9	1964.5
27.5°	7013.9	7809.5	8326.3	8283.3	8326.3	7809.5	7013.9	6017.7	4801.6	3884.0	2831.1
25°	10215.4	10947.7	11380.0	11539.6	11380.0	10947.7	10215.4	9214.7	7912.9	6284.6	4581.8
22.5°	12829.8	13484.5	13858.4	14082.2	13858.4	13484.5	12829.8	11959.2	10694.4	9052.1	7153.2
20°	14832.9	15400.7	15722.3	15860.4	15722.3	15400.7	14832.9	14070.4	12952.9	11539.2	9599.7
17.5°	16373.9	16849.2	17213.4	17307.1	17213.4	16849.2	16373.9	15674.0	14683.3	13441.2	11753.7
15°	17737.0	18351.0	18780.4	18940.5	18780.4	18351.0	17737.0	16913.4	16022.7	14866.9	13406.5
12.5°	19455.9	20523.4	21091.0	21221.8	21091.0	20523.4	19455.9	18301.3	17107.5	16024.1	14617.8
10°	21996.5	23637.5	23823.4	23568.9	23823.4	23637.5	21996.5	20164.5	18374.4	16962.5	15552.4
7.5°	25696.6	27884.7	27411.5	26623.6	27411.5	27884.7	25696.6	22247.6	19665.7	17780.0	16225.9
5°	28344.5	31382.3	31476.7	30898.1	31476.7	31382.3	28344.5	24506.0	21041.2	18518.6	16763.2
2.5°	29398.6	32525.8	34082.2	34337.4	34082.2	32525.8	29398.6	25431.0	21811.2	18955.1	17114.5
0°	29477.5	32894.3	34739.6	35198.0	34739.6	32894.3	29477.5	25600.9	21940.0	19079.3	17245.9
-2.5°	29398.6	32525.8	34082.2	34337.4	34082.2	32525.8	29398.6	25431.0	21811.2	18955.1	17114.5
-5°	28344.5	31382.3	31476.7	30898.1	31476.7	31382.3	28344.5	24506.0	21041.2	18518.6	16763.2
-7.5°	25696.6	27884.7	27411.5	26623.6	27411.5	27884.7	25696.6	22247.6	19665.7	17780.0	16225.9
-10°	21996.5	23637.5	23823.4	23568.9	23823.4	23637.5	21996.5	20164.5	18374.4	16962.5	15552.4
-12.5°	19455.9	20523.4	21091.0	21221.8	21091.0	20523.4	19455.9	18301.3	17107.5	16024.1	14617.8
-15°	17737.0	18351.0	18780.4	18940.5	18780.4	18351.0	17737.0	16913.4	16022.7	14866.9	13406.5
-17.5°	16373.9	16849.2	17213.4	17307.1	17213.4	16849.2	16373.9	15674.0	14683.3	13441.2	11753.7
-20°	14832.9	15400.7	15722.3	15860.4	15722.3	15400.7	14832.9	14070.4	12952.9	11539.2	9599.7



REPORT NUMBER: P558828 (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°	12829.8	13484.5	13858.4	14082.2	13858.4	13484.5	12829.8	11959.2	10694.4	9052.1	7153.2
-25°	10215.4	10947.7	11380.0	11539.6	11380.0	10947.7	10215.4	9214.7	7912.9	6284.6	4581.8
-27.5°	7013.9	7809.5	8326.3	8283.3	8326.3	7809.5	7013.9	6017.7	4801.6	3884.0	2831.1
-30°	4018.4	4457.2	4757.9	4716.5	4757.9	4457.2	4018.4	3511.8	2859.2	2372.9	1964.5
-32.5°	2335.9	2492.5	2586.2	2597.9	2586.2	2492.5	2335.9	2127.9	1857.6	1606.4	1405.0
-35°	1523.2	1603.0	1650.0	1660.2	1650.0	1603.0	1523.2	1414.3	1280.4	1137.9	1016.4
-37.5°	1025.7	1060.6	1080.3	1097.4	1080.3	1060.6	1025.7	972.0	900.3	808.6	748.1
-40°	722.7	736.5	743.2	748.0	743.2	736.5	722.7	698.3	664.3	619.1	576.3
-42.5°	549.6	557.4	560.7	561.4	560.7	557.4	549.6	535.4	513.9	484.3	452.5
-45°	433.5	438.6	441.1	441.9	441.1	438.6	433.5	423.8	409.0	390.1	369.5
-47.5°	354.3	356.3	357.6	358.3	357.6	356.3	354.3	350.3	344.9	338.0	329.4
-50°	318.4	319.7	321.1	322.5	321.1	319.7	318.4	316.5	314.3	311.7	308.0
-52.5°	300.1	299.9	300.5	301.6	300.5	299.9	300.1	300.0	299.6	298.9	297.9
-55°	293.5	292.0	291.2	291.1	291.2	292.0	293.5	295.2	297.0	299.1	301.4
-57.5°	303.2	301.5	300.4	300.1	300.4	301.5	303.2	305.2	307.3	309.9	312.6
-60°	320.5	322.1	322.5	322.5	322.5	322.1	320.5	318.7	316.5	314.7	312.7
-62.5°	314.1	318.6	320.5	321.0	320.5	318.6	314.1	308.9	303.4	297.9	292.0
-65°	276.1	278.8	279.6	279.2	279.6	278.8	276.1	272.7	268.7	263.5	257.1
-67.5°	232.1	233.1	234.0	234.4	234.0	233.1	232.1	230.3	227.7	223.7	218.5
-70°	193.0	194.5	195.3	195.6	195.3	194.5	193.0	191.1	188.5	185.4	181.6
-72.5°	157.7	158.9	158.9	158.3	158.9	158.9	157.7	156.1	154.1	151.6	148.3
-75°	124.1	124.7	125.2	125.4	125.2	124.7	124.1	123.1	121.8	120.0	117.3
-77.5°	91.8	92.1	91.7	91.1	91.7	92.1	91.8	91.2	90.3	88.9	87.2
-80°	65.6	66.8	66.4	65.7	66.4	66.8	65.6	64.3	62.8	61.4	60.6
-82.5°	42.8	43.1	43.2	43.3	43.2	43.1	42.8	42.4	41.9	41.3	40.6
-85°	23.6	23.8	24.6	25.4	24.6	23.8	23.6	23.4	23.1	22.8	22.4
-87.5°	8.6	9.0	9.0	9.0	9.0	9.0	8.6	8.1	7.7	7.2	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: P558828 (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°	7.0	6.9	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
85°	21.9	21.4	20.8	20.0	19.1	18.3	17.5	16.9	16.1	15.3	14.5
82.5°	39.8	38.8	37.8	36.6	35.2	33.6	31.9	30.3	28.6	26.8	24.9
80°	59.7	58.6	57.3	55.7	54.0	52.0	49.8	47.4	44.7	42.1	39.6
77.5°	85.2	83.0	80.7	78.3	75.7	72.8	69.7	66.6	63.5	60.2	56.5
75°	114.2	111.0	107.6	104.3	100.6	96.7	92.8	88.7	84.4	79.8	74.7
72.5°	144.6	140.5	136.3	132.2	127.6	122.8	117.6	111.9	106.1	100.4	94.3
70°	177.2	172.1	166.9	161.8	156.5	150.9	144.1	136.5	128.5	121.0	113.9
67.5°	212.7	206.6	200.2	193.3	186.5	179.4	171.6	163.0	154.0	144.5	134.9
65°	250.0	242.3	235.1	227.5	219.1	209.8	199.7	189.8	179.8	169.1	157.9
62.5°	285.3	278.0	271.3	262.8	253.4	242.9	231.5	219.6	207.1	194.1	181.6
60°	310.3	307.8	301.3	293.9	286.0	276.7	264.0	250.5	236.3	221.5	206.2
57.5°	315.1	316.0	314.6	313.0	311.2	303.2	292.3	280.7	266.1	249.3	231.7
55°	303.9	307.5	311.6	316.0	318.7	315.2	312.0	304.8	291.6	277.4	258.6
52.5°	297.3	300.5	303.6	306.6	310.7	314.3	317.3	314.0	311.0	299.0	283.2
50°	305.1	303.8	302.2	301.8	304.1	306.1	309.6	313.8	315.5	312.1	303.3
47.5°	323.8	318.0	311.6	308.1	304.3	301.4	303.7	306.8	312.5	317.0	312.8
45°	358.3	345.0	330.9	322.8	313.5	307.6	302.0	302.9	306.8	312.3	318.0
42.5°	425.4	393.4	368.4	348.9	330.9	320.2	310.5	304.8	303.4	307.7	312.5
40°	530.9	477.8	437.4	391.9	362.8	338.9	324.6	312.4	306.4	304.6	307.4
37.5°	677.0	603.8	537.5	468.5	416.4	371.6	344.9	326.5	313.0	306.0	303.9
35°	878.5	771.5	669.9	579.8	492.6	429.1	375.0	345.5	325.5	311.2	303.2
32.5°	1180.9	1015.5	840.3	720.5	602.6	503.1	429.8	372.9	339.3	320.4	307.8
30°	1620.7	1349.0	1107.8	891.0	737.0	603.3	493.9	416.1	361.8	330.3	313.2
27.5°	2253.3	1771.2	1448.2	1140.5	891.0	722.8	582.4	466.1	388.5	346.6	321.7
25°	3379.5	2437.1	1855.2	1450.3	1115.1	849.1	677.6	537.7	431.4	363.6	329.3
22.5°	5036.0	3572.8	2446.2	1790.9	1373.6	1037.9	787.4	612.5	471.9	388.8	342.9
20°	7426.8	5077.8	3427.9	2312.0	1674.4	1223.1	908.9	696.7	535.2	422.6	356.2
17.5°	9605.9	7184.3	4641.9	2929.2	2049.3	1476.8	1066.3	777.5	589.6	452.6	368.0
15°	11490.6	9008.5	6291.1	3953.5	2452.3	1710.2	1213.3	850.1	640.9	488.7	390.4
12.5°	12828.8	10513.4	7807.7	4838.4	2923.3	1972.6	1386.7	966.5	696.5	524.3	410.7
10°	13944.6	11696.1	9053.0	6017.6	3598.3	2254.7	1541.2	1064.2	743.7	551.7	426.8
7.5°	14619.4	12571.0	10009.2	7012.5	4151.7	2491.6	1668.8	1137.3	781.6	571.2	438.6
5°	15134.8	13195.5	10704.2	7763.6	4607.0	2670.2	1770.1	1186.3	809.2	583.1	446.2
2.5°	15516.8	13553.6	11142.8	8217.4	4891.7	2787.2	1837.8	1221.1	822.9	593.7	452.7
0°	15573.7	13670.1	11169.3	8299.7	4819.5	2841.2	1864.8	1242.2	822.7	598.7	455.4
-2.5°	15516.8	13553.6	11142.8	8217.4	4891.7	2787.2	1837.8	1221.1	822.9	593.7	452.7
-5°	15134.8	13195.5	10704.2	7763.6	4607.0	2670.2	1770.1	1186.3	809.2	583.1	446.2
-7.5°	14619.4	12571.0	10009.2	7012.5	4151.7	2491.6	1668.8	1137.3	781.6	571.2	438.6
-10°	13944.6	11696.1	9053.0	6017.6	3598.3	2254.7	1541.2	1064.2	743.7	551.7	426.8
-12.5°	12828.8	10513.4	7807.7	4838.4	2923.3	1972.6	1386.7	966.5	696.5	524.3	410.7
-15°	11490.6	9008.5	6291.1	3953.5	2452.3	1710.2	1213.3	850.1	640.9	488.7	390.4
-17.5°	9605.9	7184.3	4641.9	2929.2	2049.3	1476.8	1066.3	777.5	589.6	452.6	368.0
-20°	7426.8	5077.8	3427.9	2312.0	1674.4	1223.1	908.9	696.7	535.2	422.6	356.2



REPORT NUMBER: P558828 (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°	5036.0	3572.8	2446.2	1790.9	1373.6	1037.9	787.4	612.5	471.9	388.8	342.9
-25°	3379.5	2437.1	1855.2	1450.3	1115.1	849.1	677.6	537.7	431.4	363.6	329.3
-27.5°	2253.3	1771.2	1448.2	1140.5	891.0	722.8	582.4	466.1	388.5	346.6	321.7
-30°	1620.7	1349.0	1107.8	891.0	737.0	603.3	493.9	416.1	361.8	330.3	313.2
-32.5°	1180.9	1015.5	840.3	720.5	602.6	503.1	429.8	372.9	339.3	320.4	307.8
-35°	878.5	771.5	669.9	579.8	492.6	429.1	375.0	345.5	325.5	311.2	303.2
-37.5°	677.0	603.8	537.5	468.5	416.4	371.6	344.9	326.5	313.0	306.0	303.9
-40°	530.9	477.8	437.4	391.9	362.8	338.9	324.6	312.4	306.4	304.6	307.4
-42.5°	425.4	393.4	368.4	348.9	330.9	320.2	310.5	304.8	303.4	307.7	312.5
-45°	358.3	345.0	330.9	322.8	313.5	307.6	302.0	302.9	306.8	312.3	318.0
-47.5°	323.8	318.0	311.6	308.1	304.3	301.4	303.7	306.8	312.5	317.0	312.8
-50°	305.1	303.8	302.2	301.8	304.1	306.1	309.6	313.8	315.5	312.1	303.3
-52.5°	297.3	300.5	303.6	306.6	310.7	314.3	317.3	314.0	311.0	299.0	283.2
-55°	303.9	307.5	311.6	316.0	318.7	315.2	312.0	304.8	291.6	277.4	258.6
-57.5°	315.1	316.0	314.6	313.0	311.2	303.2	292.3	280.7	266.1	249.3	231.7
-60°	310.3	307.8	301.3	293.9	286.0	276.7	264.0	250.5	236.3	221.5	206.2
-62.5°	285.3	278.0	271.3	262.8	253.4	242.9	231.5	219.6	207.1	194.1	181.6
-65°	250.0	242.3	235.1	227.5	219.1	209.8	199.7	189.8	179.8	169.1	157.9
-67.5°	212.7	206.6	200.2	193.3	186.5	179.4	171.6	163.0	154.0	144.5	134.9
-70°	177.2	172.1	166.9	161.8	156.5	150.9	144.1	136.5	128.5	121.0	113.9
-72.5°	144.6	140.5	136.3	132.2	127.6	122.8	117.6	111.9	106.1	100.4	94.3
-75°	114.2	111.0	107.6	104.3	100.6	96.7	92.8	88.7	84.4	79.8	74.7
-77.5°	85.2	83.0	80.7	78.3	75.7	72.8	69.7	66.6	63.5	60.2	56.5
-80°	59.7	58.6	57.3	55.7	54.0	52.0	49.8	47.4	44.7	42.1	39.6
-82.5°	39.8	38.8	37.8	36.6	35.2	33.6	31.9	30.3	28.6	26.8	24.9
-85°	21.9	21.4	20.8	20.0	19.1	18.3	17.5	16.9	16.1	15.3	14.5
-87.5°	7.0	6.9	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
85°	13.8	13.0	12.1	11.2	10.1	9.0	8.3	7.6	6.9	6.1	5.4
82.5°	23.3	22.1	21.0	19.7	18.1	16.4	14.7	13.0	11.2	9.4	8.1
80°	37.1	34.5	32.0	29.4	26.6	23.8	21.5	19.2	17.0	14.7	12.2
77.5°	52.4	48.2	44.0	40.4	36.6	32.9	29.3	25.7	22.8	20.0	16.9
75°	69.0	63.7	58.4	53.0	47.4	41.9	37.4	33.1	29.1	25.3	21.7
72.5°	87.6	80.7	73.6	66.2	59.5	52.9	46.4	40.4	35.6	30.9	26.4
70°	106.4	98.4	90.2	81.6	72.7	63.8	56.3	49.1	42.0	36.5	31.2
67.5°	125.2	116.5	107.2	97.1	87.0	76.8	66.4	58.0	50.1	42.0	35.9
65°	146.8	135.5	124.3	113.3	101.7	90.0	78.5	67.5	58.0	49.1	40.5
62.5°	168.6	155.4	142.7	129.6	116.8	103.8	90.4	78.4	66.2	56.0	46.1
60°	190.9	176.3	161.0	146.4	132.0	117.6	103.1	89.2	75.9	62.8	52.1
57.5°	214.6	197.3	180.5	163.4	147.1	131.4	115.7	100.2	85.4	70.9	57.9
55°	238.6	219.3	199.9	181.2	162.5	144.9	127.9	111.0	94.7	79.1	63.7
52.5°	264.0	241.5	219.8	198.9	178.6	158.5	140.2	121.4	104.0	87.1	70.5
50°	285.9	264.3	239.8	216.8	194.5	173.2	152.3	132.4	112.8	94.9	77.2
47.5°	304.0	283.6	260.2	234.3	210.3	187.4	165.0	143.2	121.3	102.3	83.6
45°	311.7	300.3	278.0	252.2	225.9	201.6	177.6	153.8	130.8	109.5	89.8
42.5°	316.1	308.9	293.2	269.2	242.0	215.4	189.7	164.7	140.1	116.4	95.7
40°	311.8	313.0	305.1	283.4	257.8	228.7	201.8	175.2	149.1	123.5	101.5
37.5°	306.8	312.1	308.9	297.2	272.4	242.7	213.3	185.2	157.7	131.0	107.0
35°	303.7	307.5	313.0	305.2	284.4	256.1	224.3	194.9	166.1	138.1	112.3
32.5°	301.0	303.9	309.9	308.7	295.7	268.9	235.4	204.1	174.0	144.8	117.3
30°	303.3	301.7	306.4	311.8	304.0	278.7	246.2	212.7	181.4	150.9	122.2
27.5°	306.8	299.4	303.4	310.4	306.6	287.7	256.1	220.8	188.2	156.8	127.2
25°	311.0	300.9	301.4	307.5	308.9	295.7	265.1	228.2	194.7	162.3	131.8
22.5°	317.4	303.3	299.3	304.9	311.2	303.1	272.5	235.6	200.7	167.4	135.9
20°	323.1	305.3	297.3	302.4	310.7	305.0	278.6	242.2	206.1	172.0	139.6
17.5°	329.1	308.4	298.5	300.7	308.6	306.6	284.1	248.1	210.9	176.0	142.9
15°	338.8	312.6	300.0	299.3	306.6	308.0	288.9	253.1	215.0	179.5	145.7
12.5°	347.1	316.1	301.0	298.0	304.8	309.2	293.1	257.3	218.5	182.4	148.2
10°	353.8	318.9	301.8	297.1	303.0	310.2	296.6	261.0	221.7	184.7	150.2
7.5°	358.9	320.9	302.2	296.3	301.6	311.0	299.8	264.9	224.4	186.4	151.8
5°	362.6	323.2	303.3	295.9	300.8	311.6	302.3	267.9	226.4	187.5	152.9
2.5°	365.8	326.2	304.8	295.7	300.3	311.9	303.8	270.2	227.7	188.1	153.6
0°	367.3	328.5	306.1	295.6	300.1	312.0	304.6	271.7	228.4	188.1	153.8
-2.5°	365.8	326.2	304.8	295.7	300.3	311.9	303.8	270.2	227.7	188.1	153.6
-5°	362.6	323.2	303.3	295.9	300.8	311.6	302.3	267.9	226.4	187.5	152.9
-7.5°	358.9	320.9	302.2	296.3	301.6	311.0	299.8	264.9	224.4	186.4	151.8
-10°	353.8	318.9	301.8	297.1	303.0	310.2	296.6	261.0	221.7	184.7	150.2
-12.5°	347.1	316.1	301.0	298.0	304.8	309.2	293.1	257.3	218.5	182.4	148.2
-15°	338.8	312.6	300.0	299.3	306.6	308.0	288.9	253.1	215.0	179.5	145.7
-17.5°	329.1	308.4	298.5	300.7	308.6	306.6	284.1	248.1	210.9	176.0	142.9
-20°	323.1	305.3	297.3	302.4	310.7	305.0	278.6	242.2	206.1	172.0	139.6



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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°	317.4	303.3	299.3	304.9	311.2	303.1	272.5	235.6	200.7	167.4	135.9
-25°	311.0	300.9	301.4	307.5	308.9	295.7	265.1	228.2	194.7	162.3	131.8
-27.5°	306.8	299.4	303.4	310.4	306.6	287.7	256.1	220.8	188.2	156.8	127.2
-30°	303.3	301.7	306.4	311.8	304.0	278.7	246.2	212.7	181.4	150.9	122.2
-32.5°	301.0	303.9	309.9	308.7	295.7	268.9	235.4	204.1	174.0	144.8	117.3
-35°	303.7	307.5	313.0	305.2	284.4	256.1	224.3	194.9	166.1	138.1	112.3
-37.5°	306.8	312.1	308.9	297.2	272.4	242.7	213.3	185.2	157.7	131.0	107.0
-40°	311.8	313.0	305.1	283.4	257.8	228.7	201.8	175.2	149.1	123.5	101.5
-42.5°	316.1	308.9	293.2	269.2	242.0	215.4	189.7	164.7	140.1	116.4	95.7
-45°	311.7	300.3	278.0	252.2	225.9	201.6	177.6	153.8	130.8	109.5	89.8
-47.5°	304.0	283.6	260.2	234.3	210.3	187.4	165.0	143.2	121.3	102.3	83.6
-50°	285.9	264.3	239.8	216.8	194.5	173.2	152.3	132.4	112.8	94.9	77.2
-52.5°	264.0	241.5	219.8	198.9	178.6	158.5	140.2	121.4	104.0	87.1	70.5
-55°	238.6	219.3	199.9	181.2	162.5	144.9	127.9	111.0	94.7	79.1	63.7
-57.5°	214.6	197.3	180.5	163.4	147.1	131.4	115.7	100.2	85.4	70.9	57.9
-60°	190.9	176.3	161.0	146.4	132.0	117.6	103.1	89.2	75.9	62.8	52.1
-62.5°	168.6	155.4	142.7	129.6	116.8	103.8	90.4	78.4	66.2	56.0	46.1
-65°	146.8	135.5	124.3	113.3	101.7	90.0	78.5	67.5	58.0	49.1	40.5
-67.5°	125.2	116.5	107.2	97.1	87.0	76.8	66.4	58.0	50.1	42.0	35.9
-70°	106.4	98.4	90.2	81.6	72.7	63.8	56.3	49.1	42.0	36.5	31.2
-72.5°	87.6	80.7	73.6	66.2	59.5	52.9	46.4	40.4	35.6	30.9	26.4
-75°	69.0	63.7	58.4	53.0	47.4	41.9	37.4	33.1	29.1	25.3	21.7
-77.5°	52.4	48.2	44.0	40.4	36.6	32.9	29.3	25.7	22.8	20.0	16.9
-80°	37.1	34.5	32.0	29.4	26.6	23.8	21.5	19.2	17.0	14.7	12.2
-82.5°	23.3	22.1	21.0	19.7	18.1	16.4	14.7	13.0	11.2	9.4	8.1
-85°	13.8	13.0	12.1	11.2	10.1	9.0	8.3	7.6	6.9	6.1	5.4
-87.5°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
80°	9.5	7.8	6.2	4.7	3.1	1.6	0.0
77.5°	13.7	10.2	7.8	5.8	3.9	1.9	0.0
75°	17.8	13.5	9.5	7.0	4.7	2.3	0.0
72.5°	21.8	16.9	12.1	8.1	5.4	2.7	0.0
70°	25.8	20.1	14.6	9.4	6.1	3.1	0.0
67.5°	29.8	23.3	17.1	11.2	6.9	3.4	0.0
65°	33.8	26.6	19.6	13.0	7.6	3.8	0.0
62.5°	37.7	30.0	22.0	14.8	8.3	4.2	0.0
60°	41.7	33.3	24.3	16.5	9.0	4.5	0.0
57.5°	46.6	36.6	27.0	18.2	10.1	4.8	0.0
55°	51.5	39.9	29.7	19.8	11.2	5.2	0.0
52.5°	56.3	43.2	32.3	21.4	12.3	5.5	0.0
50°	60.9	47.1	34.8	22.9	13.3	5.8	0.0
47.5°	65.5	50.8	37.2	24.4	14.4	6.1	0.0
45°	70.8	54.4	39.6	26.2	15.3	6.4	0.0
42.5°	75.7	57.8	41.9	28.0	16.3	6.6	0.0
40°	80.4	61.1	44.4	29.7	17.2	6.9	0.0
37.5°	84.8	64.3	46.9	31.3	18.1	7.1	0.0
35°	88.9	67.6	49.3	32.7	18.9	7.4	0.0
32.5°	92.8	70.8	51.5	34.1	19.7	7.6	0.0
30°	96.8	73.8	53.6	35.4	20.4	7.8	0.0
27.5°	100.5	76.5	55.4	36.5	21.1	8.0	0.0
25°	103.9	79.0	57.0	37.6	21.8	8.2	0.0
22.5°	107.1	81.2	58.5	38.5	22.4	8.3	0.0
20°	109.9	83.1	59.8	39.3	23.0	8.5	0.0
17.5°	112.4	84.8	60.9	40.0	23.5	8.6	0.0
15°	114.6	86.2	61.9	40.6	23.9	8.7	0.0
12.5°	116.5	87.4	62.7	41.0	24.3	8.8	0.0
10°	118.1	88.3	63.4	41.4	24.6	8.9	0.0
7.5°	119.3	89.0	63.8	41.7	24.9	8.9	0.0
5°	120.2	89.4	64.1	41.8	25.1	9.0	0.0
2.5°	120.7	89.6	64.2	41.9	25.3	9.0	0.0
0°	120.9	89.6	64.2	41.8	25.4	9.0	0.0
-2.5°	120.7	89.6	64.2	41.9	25.3	9.0	0.0
-5°	120.2	89.4	64.1	41.8	25.1	9.0	0.0
-7.5°	119.3	89.0	63.8	41.7	24.9	8.9	0.0
-10°	118.1	88.3	63.4	41.4	24.6	8.9	0.0
-12.5°	116.5	87.4	62.7	41.0	24.3	8.8	0.0
-15°	114.6	86.2	61.9	40.6	23.9	8.7	0.0
-17.5°	112.4	84.8	60.9	40.0	23.5	8.6	0.0
-20°	109.9	83.1	59.8	39.3	23.0	8.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	107.1	81.2	58.5	38.5	22.4	8.3	0.0
-25°	103.9	79.0	57.0	37.6	21.8	8.2	0.0
-27.5°	100.5	76.5	55.4	36.5	21.1	8.0	0.0
-30°	96.8	73.8	53.6	35.4	20.4	7.8	0.0
-32.5°	92.8	70.8	51.5	34.1	19.7	7.6	0.0
-35°	88.9	67.6	49.3	32.7	18.9	7.4	0.0
-37.5°	84.8	64.3	46.9	31.3	18.1	7.1	0.0
-40°	80.4	61.1	44.4	29.7	17.2	6.9	0.0
-42.5°	75.7	57.8	41.9	28.0	16.3	6.6	0.0
-45°	70.8	54.4	39.6	26.2	15.3	6.4	0.0
-47.5°	65.5	50.8	37.2	24.4	14.4	6.1	0.0
-50°	60.9	47.1	34.8	22.9	13.3	5.8	0.0
-52.5°	56.3	43.2	32.3	21.4	12.3	5.5	0.0
-55°	51.5	39.9	29.7	19.8	11.2	5.2	0.0
-57.5°	46.6	36.6	27.0	18.2	10.1	4.8	0.0
-60°	41.7	33.3	24.3	16.5	9.0	4.5	0.0
-62.5°	37.7	30.0	22.0	14.8	8.3	4.2	0.0
-65°	33.8	26.6	19.6	13.0	7.6	3.8	0.0
-67.5°	29.8	23.3	17.1	11.2	6.9	3.4	0.0
-70°	25.8	20.1	14.6	9.4	6.1	3.1	0.0
-72.5°	21.8	16.9	12.1	8.1	5.4	2.7	0.0
-75°	17.8	13.5	9.5	7.0	4.7	2.3	0.0
-77.5°	13.7	10.2	7.8	5.8	3.9	1.9	0.0
-80°	9.5	7.8	6.2	4.7	3.1	1.6	0.0
-82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
-85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-87.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)