

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: P558836 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558836 (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-940-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

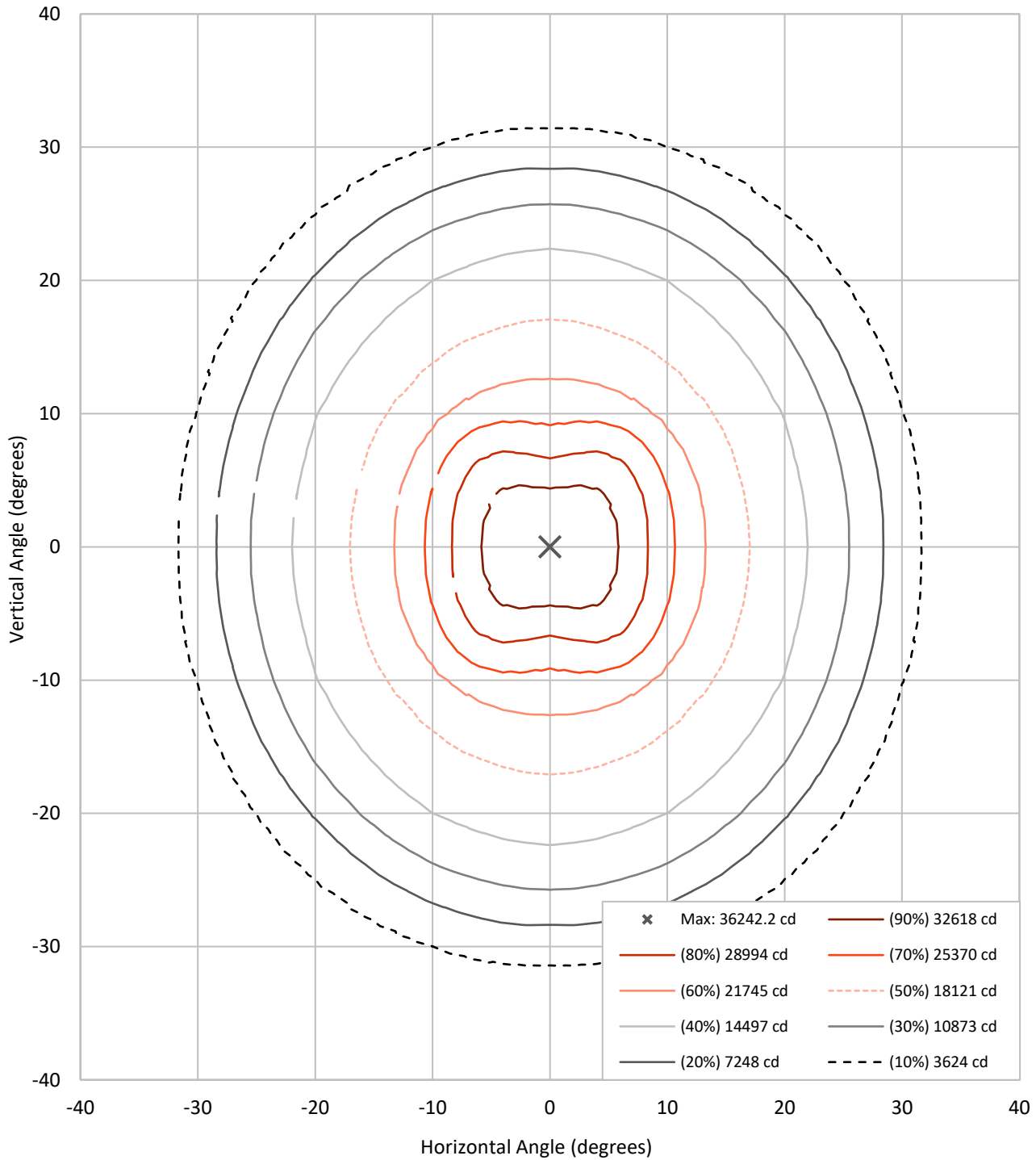
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	16032.6 lumens	Max Intensity:	36242.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6828.9 lumens	Field Lumens:	13956.8 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



REPORT NUMBER: P558836 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





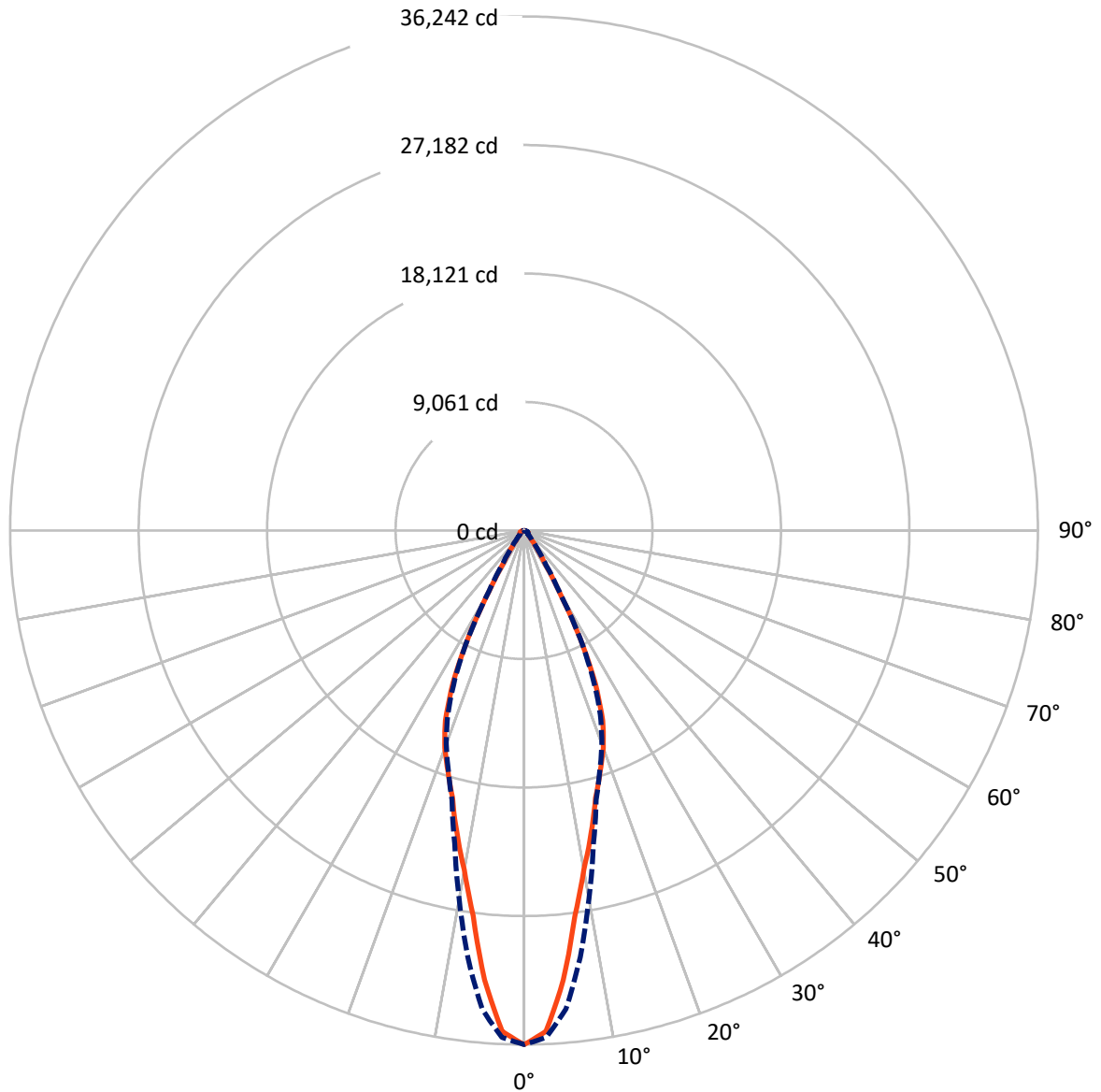
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Lumen Table

90																			
80	0.2	1.8		5.0		8.2		9.6		8.2		5.0		1.8		0.2			
70																			
60	0.8	0.9	2.1	3.5	5.2	6.7	7.8	8.5	8.5	7.8	6.7	5.2	3.5	2.1	0.9	0.8			
50		1.5	3.3	5.7	7.7	8.7	9.2	9.5	9.5	9.2	8.7	7.7	5.7	3.3	1.5				
40	1.5	2.1	4.5	6.8	8.0	9.9	12.7	14.6	14.6	12.7	9.9	8.0	6.8	4.5	2.1	1.5			
30		2.6	5.3	6.9	10.4	20.4	38.9	59.4	59.4	38.9	20.4	10.4	6.9	5.3	2.6				
20	2.1	3.1	5.5	7.7	18.8	62.4	196.2	323.0	323.0	196.2	62.4	18.8	7.7	5.5	3.1	2.1			
10		3.4	5.5	9.5	35.0	184.9	437.0	578.7	578.7	437.0	184.9	35.0	9.5	5.5	3.4				
0	2.3	3.5	5.5	10.9	53.3	291.3	568.3	896.8	896.8	568.3	291.3	53.3	10.9	5.5	3.5	2.3			
-10		3.5	5.5	10.9	53.3	291.3	568.3	896.8	896.8	568.3	291.3	53.3	10.9	5.5	3.5				
-20	2.1	3.4	5.5	9.5	35.0	184.9	437.0	578.7	578.7	437.0	184.9	35.0	9.5	5.5	3.4	2.1			
-30		3.1	5.5	7.7	18.8	62.4	196.2	323.0	323.0	196.2	62.4	18.8	7.7	5.5	3.1				
-40	1.5	2.6	5.3	6.9	10.4	20.4	38.9	59.4	59.4	38.9	20.4	10.4	6.9	5.3	2.6	1.5			
-50		2.1	4.5	6.8	8.0	9.9	12.7	14.6	14.6	12.7	9.9	8.0	6.8	4.5	2.1				
-60	0.8	1.5	3.3	5.7	7.7	8.7	9.2	9.5	9.5	9.2	8.7	7.7	5.7	3.3	1.5	0.8			
-70		0.9	2.1	3.5	5.2	6.7	7.8	8.5	8.5	7.8	6.7	5.2	3.5	2.1	0.9				
-80																			
-90	0.2	1.8		5.0		8.2		9.6		8.2		5.0		1.8		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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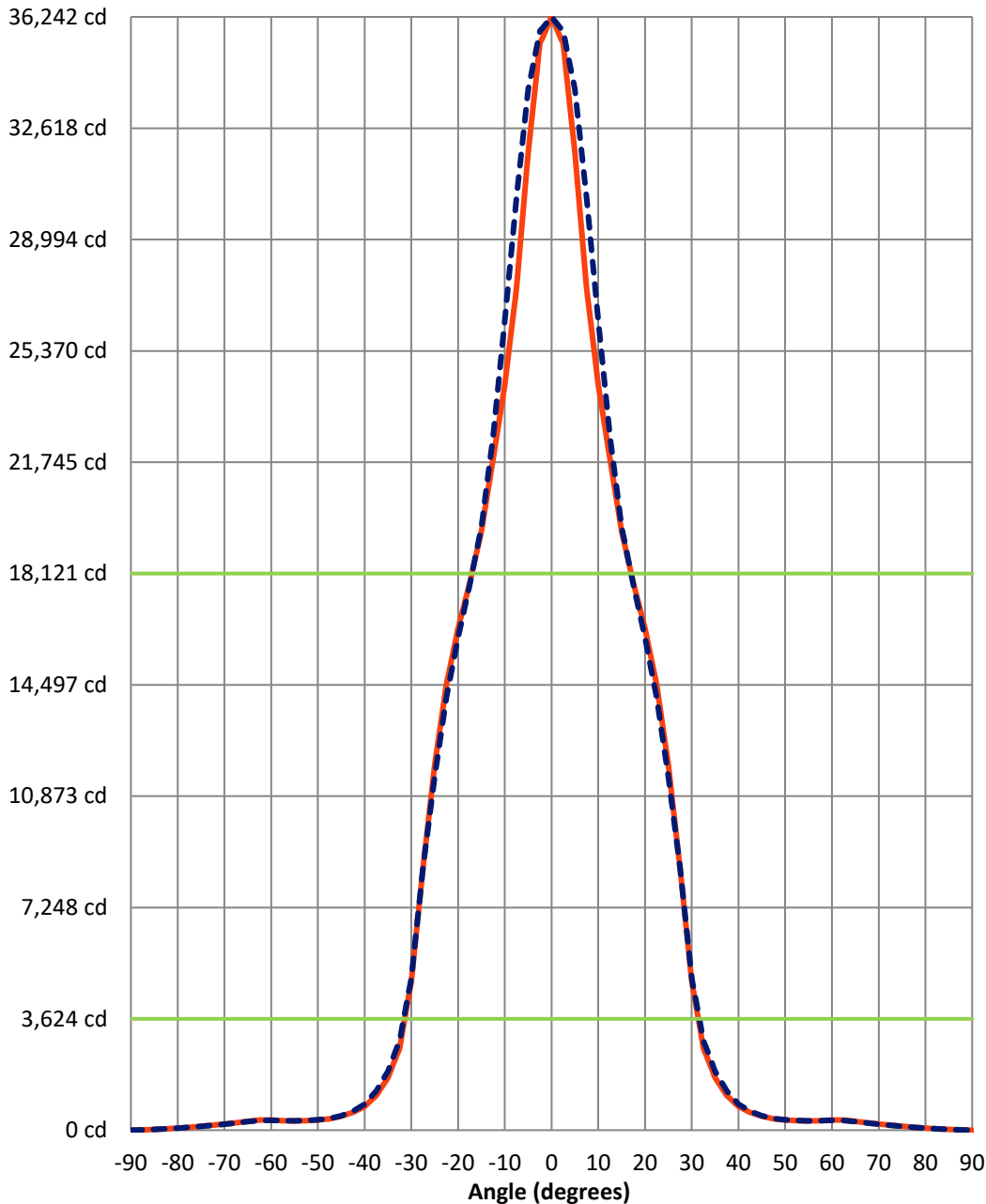
Luminous Intensity Polar Plot



— 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: 6828.9
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 13956.8
 Efficiency: 87.1%

Spill:
 Lumens: 2075.8
 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	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.6	11.5	13.3
80°	0.0	1.6	3.2	4.8	6.4	7.9	9.7	12.5	15.1	17.5	19.8
77.5°	0.0	2.0	4.0	6.0	7.9	10.4	14.0	17.4	20.5	23.5	26.5
75°	0.0	2.4	4.8	7.1	9.7	13.9	18.2	22.2	26.0	30.0	34.1
72.5°	0.0	2.8	5.5	8.3	12.4	17.3	22.4	27.1	31.8	36.6	41.5
70°	0.0	3.1	6.3	9.6	15.0	20.7	26.5	32.1	37.5	43.2	50.5
67.5°	0.0	3.5	7.0	11.5	17.6	24.0	30.7	36.9	43.2	51.5	59.7
65°	0.0	3.9	7.8	13.4	20.1	27.3	34.8	41.6	50.5	59.7	69.5
62.5°	0.0	4.2	8.5	15.2	22.6	30.8	38.8	47.4	57.7	68.2	80.7
60°	0.0	4.6	9.2	17.0	25.0	34.3	42.9	53.6	64.7	78.1	91.8
57.5°	0.0	4.9	10.4	18.7	27.8	37.7	47.9	59.6	73.0	87.9	103.1
55°	0.0	5.3	11.5	20.4	30.5	41.0	53.0	65.5	81.4	97.5	114.3
52.5°	0.0	5.6	12.6	22.0	33.2	44.5	57.9	72.6	89.7	107.0	125.0
50°	0.0	5.9	13.7	23.6	35.8	48.4	62.7	79.5	97.7	116.2	136.3
47.5°	0.0	6.2	14.7	25.1	38.3	52.3	67.5	86.1	105.3	124.9	147.5
45°	0.0	6.5	15.7	27.0	40.8	56.0	72.8	92.4	112.7	134.7	158.4
42.5°	0.0	6.8	16.7	28.8	43.2	59.5	77.9	98.5	119.9	144.2	169.6
40°	0.0	7.0	17.7	30.5	45.7	62.9	82.8	104.5	127.2	153.5	180.4
37.5°	0.0	7.3	18.6	32.2	48.3	66.2	87.3	110.2	134.9	162.3	190.7
35°	0.0	7.5	19.4	33.7	50.7	69.5	91.5	115.6	142.2	171.0	200.7
32.5°	0.0	7.8	20.2	35.1	53.0	72.9	95.6	120.8	149.1	179.1	210.2
30°	0.0	8.0	21.0	36.4	55.2	76.0	99.7	125.8	155.4	186.7	219.1
27.5°	0.0	8.2	21.7	37.6	57.0	78.8	103.5	130.9	161.4	193.8	227.3
25°	0.0	8.3	22.4	38.7	58.7	81.4	107.0	135.7	167.1	200.5	235.0
22.5°	0.0	8.5	23.0	39.6	60.2	83.6	110.2	139.9	172.4	206.7	242.6
20°	0.0	8.6	23.6	40.5	61.5	85.6	113.2	143.7	177.0	212.2	249.5
17.5°	0.0	8.8	24.1	41.2	62.7	87.3	115.8	147.1	181.2	217.2	255.5
15°	0.0	8.9	24.6	41.8	63.7	88.7	118.0	150.0	184.8	221.5	260.6
12.5°	0.0	9.0	25.0	42.2	64.5	89.9	120.0	152.5	187.8	225.1	264.9
10°	0.0	9.1	25.3	42.6	65.2	90.9	121.6	154.6	190.2	228.3	268.8
7.5°	0.0	9.1	25.6	42.9	65.7	91.6	122.8	156.2	191.9	231.1	272.7
5°	0.0	9.2	25.8	43.0	66.0	92.0	123.8	157.4	193.1	233.1	275.9
2.5°	0.0	9.2	26.0	43.1	66.1	92.3	124.3	158.1	193.7	234.5	278.3
0°	0.0	9.2	26.1	43.0	66.1	92.2	124.5	158.3	193.7	235.2	279.8
-2.5°	0.0	9.2	26.0	43.1	66.1	92.3	124.3	158.1	193.7	234.5	278.3
-5°	0.0	9.2	25.8	43.0	66.0	92.0	123.8	157.4	193.1	233.1	275.9
-7.5°	0.0	9.1	25.6	42.9	65.7	91.6	122.8	156.2	191.9	231.1	272.7
-10°	0.0	9.1	25.3	42.6	65.2	90.9	121.6	154.6	190.2	228.3	268.8
-12.5°	0.0	9.0	25.0	42.2	64.5	89.9	120.0	152.5	187.8	225.1	264.9
-15°	0.0	8.9	24.6	41.8	63.7	88.7	118.0	150.0	184.8	221.5	260.6
-17.5°	0.0	8.8	24.1	41.2	62.7	87.3	115.8	147.1	181.2	217.2	255.5
-20°	0.0	8.6	23.6	40.5	61.5	85.6	113.2	143.7	177.0	212.2	249.5



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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	8.5	23.0	39.6	60.2	83.6	110.2	139.9	172.4	206.7	242.6
-25°	0.0	8.3	22.4	38.7	58.7	81.4	107.0	135.7	167.1	200.5	235.0
-27.5°	0.0	8.2	21.7	37.6	57.0	78.8	103.5	130.9	161.4	193.8	227.3
-30°	0.0	8.0	21.0	36.4	55.2	76.0	99.7	125.8	155.4	186.7	219.1
-32.5°	0.0	7.8	20.2	35.1	53.0	72.9	95.6	120.8	149.1	179.1	210.2
-35°	0.0	7.5	19.4	33.7	50.7	69.5	91.5	115.6	142.2	171.0	200.7
-37.5°	0.0	7.3	18.6	32.2	48.3	66.2	87.3	110.2	134.9	162.3	190.7
-40°	0.0	7.0	17.7	30.5	45.7	62.9	82.8	104.5	127.2	153.5	180.4
-42.5°	0.0	6.8	16.7	28.8	43.2	59.5	77.9	98.5	119.9	144.2	169.6
-45°	0.0	6.5	15.7	27.0	40.8	56.0	72.8	92.4	112.7	134.7	158.4
-47.5°	0.0	6.2	14.7	25.1	38.3	52.3	67.5	86.1	105.3	124.9	147.5
-50°	0.0	5.9	13.7	23.6	35.8	48.4	62.7	79.5	97.7	116.2	136.3
-52.5°	0.0	5.6	12.6	22.0	33.2	44.5	57.9	72.6	89.7	107.0	125.0
-55°	0.0	5.3	11.5	20.4	30.5	41.0	53.0	65.5	81.4	97.5	114.3
-57.5°	0.0	4.9	10.4	18.7	27.8	37.7	47.9	59.6	73.0	87.9	103.1
-60°	0.0	4.6	9.2	17.0	25.0	34.3	42.9	53.6	64.7	78.1	91.8
-62.5°	0.0	4.2	8.5	15.2	22.6	30.8	38.8	47.4	57.7	68.2	80.7
-65°	0.0	3.9	7.8	13.4	20.1	27.3	34.8	41.6	50.5	59.7	69.5
-67.5°	0.0	3.5	7.0	11.5	17.6	24.0	30.7	36.9	43.2	51.5	59.7
-70°	0.0	3.1	6.3	9.6	15.0	20.7	26.5	32.1	37.5	43.2	50.5
-72.5°	0.0	2.8	5.5	8.3	12.4	17.3	22.4	27.1	31.8	36.6	41.5
-75°	0.0	2.4	4.8	7.1	9.7	13.9	18.2	22.2	26.0	30.0	34.1
-77.5°	0.0	2.0	4.0	6.0	7.9	10.4	14.0	17.4	20.5	23.5	26.5
-80°	0.0	1.6	3.2	4.8	6.4	7.9	9.7	12.5	15.1	17.5	19.8
-82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.6	11.5	13.3
-85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-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	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
85°	8.5	9.2	10.3	11.5	12.5	13.4	14.2	15.0	15.8	16.6	17.3
82.5°	15.1	16.9	18.6	20.2	21.6	22.8	24.0	25.7	27.6	29.5	31.2
80°	22.1	24.5	27.4	30.3	33.0	35.6	38.2	40.8	43.4	46.1	48.8
77.5°	30.1	33.9	37.7	41.6	45.3	49.6	53.9	58.2	62.0	65.4	68.5
75°	38.5	43.2	48.8	54.6	60.1	65.5	71.0	76.9	82.2	86.9	91.3
72.5°	47.7	54.5	61.3	68.1	75.8	83.1	90.2	97.1	103.4	109.3	115.2
70°	57.9	65.7	74.8	84.0	92.9	101.3	109.5	117.3	124.6	132.3	140.5
67.5°	68.4	79.1	89.6	100.0	110.4	119.9	128.9	138.9	148.8	158.5	167.8
65°	80.8	92.6	104.7	116.6	127.9	139.5	151.1	162.5	174.1	185.2	195.5
62.5°	93.1	106.8	120.2	133.4	146.9	160.1	173.6	187.0	199.8	213.3	226.1
60°	106.2	121.1	135.9	150.7	165.8	181.6	196.6	212.3	228.1	243.3	257.9
57.5°	119.1	135.3	151.4	168.3	185.9	203.2	221.0	238.6	256.7	273.9	289.0
55°	131.7	149.2	167.3	186.6	205.9	225.8	245.7	266.2	285.6	300.2	313.9
52.5°	144.4	163.2	184.0	204.9	226.3	248.6	271.8	291.6	307.9	320.3	323.3
50°	156.8	178.3	200.3	223.2	247.0	272.2	294.4	312.3	321.4	324.9	323.1
47.5°	169.9	193.0	216.6	241.3	267.9	292.0	313.0	322.1	326.4	321.7	315.8
45°	182.9	207.6	232.6	259.8	286.3	309.1	320.9	327.4	321.5	315.9	311.9
42.5°	195.4	221.9	249.2	277.2	301.9	318.0	325.4	321.7	316.7	312.4	313.9
40°	207.8	235.6	265.5	291.8	314.1	322.3	321.0	316.5	313.6	315.5	321.7
37.5°	219.7	250.0	280.5	306.0	318.0	321.3	315.8	312.9	315.1	322.3	336.2
35°	231.0	263.8	292.9	314.2	322.2	316.6	312.6	312.2	320.4	335.2	355.8
32.5°	242.4	276.9	304.5	317.8	319.1	312.9	309.9	316.9	329.9	349.4	384.0
30°	253.6	287.1	313.0	321.1	315.5	310.6	312.4	322.5	340.1	372.5	428.5
27.5°	263.8	296.2	315.7	319.6	312.4	308.3	316.0	331.3	356.9	400.0	480.0
25°	273.0	304.5	318.1	316.7	310.3	309.8	320.2	339.1	374.4	444.2	553.7
22.5°	280.7	312.1	320.4	313.9	308.2	312.3	326.8	353.0	400.2	485.9	630.7
20°	286.9	314.0	320.0	311.4	306.1	314.3	332.7	366.7	435.1	551.1	717.4
17.5°	292.5	315.7	317.8	309.6	307.3	317.5	338.9	378.9	466.1	607.1	800.6
15°	297.5	317.2	315.8	308.1	308.8	321.9	348.8	401.9	503.2	659.9	875.3
12.5°	301.8	318.4	313.8	306.9	310.0	325.5	357.3	422.9	539.9	717.2	995.2
10°	305.4	319.5	312.0	305.9	310.7	328.4	364.2	439.4	568.1	765.8	1095.8
7.5°	308.7	320.3	310.5	305.1	311.1	330.5	369.5	451.6	588.2	804.8	1171.0
5°	311.2	320.9	309.7	304.7	312.2	332.8	373.3	459.4	600.4	833.2	1221.4
2.5°	312.8	321.2	309.2	304.5	313.8	335.9	376.6	466.1	611.3	847.3	1257.3
0°	313.6	321.3	309.0	304.4	315.1	338.2	378.2	468.9	616.5	847.1	1279.0
-2.5°	312.8	321.2	309.2	304.5	313.8	335.9	376.6	466.1	611.3	847.3	1257.3
-5°	311.2	320.9	309.7	304.7	312.2	332.8	373.3	459.4	600.4	833.2	1221.4
-7.5°	308.7	320.3	310.5	305.1	311.1	330.5	369.5	451.6	588.2	804.8	1171.0
-10°	305.4	319.5	312.0	305.9	310.7	328.4	364.2	439.4	568.1	765.8	1095.8
-12.5°	301.8	318.4	313.8	306.9	310.0	325.5	357.3	422.9	539.9	717.2	995.2
-15°	297.5	317.2	315.8	308.1	308.8	321.9	348.8	401.9	503.2	659.9	875.3
-17.5°	292.5	315.7	317.8	309.6	307.3	317.5	338.9	378.9	466.1	607.1	800.6
-20°	286.9	314.0	320.0	311.4	306.1	314.3	332.7	366.7	435.1	551.1	717.4



REPORT NUMBER: P558836 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-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°	280.7	312.1	320.4	313.9	308.2	312.3	326.8	353.0	400.2	485.9	630.7
-25°	273.0	304.5	318.1	316.7	310.3	309.8	320.2	339.1	374.4	444.2	553.7
-27.5°	263.8	296.2	315.7	319.6	312.4	308.3	316.0	331.3	356.9	400.0	480.0
-30°	253.6	287.1	313.0	321.1	315.5	310.6	312.4	322.5	340.1	372.5	428.5
-32.5°	242.4	276.9	304.5	317.8	319.1	312.9	309.9	316.9	329.9	349.4	384.0
-35°	231.0	263.8	292.9	314.2	322.2	316.6	312.6	312.2	320.4	335.2	355.8
-37.5°	219.7	250.0	280.5	306.0	318.0	321.3	315.8	312.9	315.1	322.3	336.2
-40°	207.8	235.6	265.5	291.8	314.1	322.3	321.0	316.5	313.6	315.5	321.7
-42.5°	195.4	221.9	249.2	277.2	301.9	318.0	325.4	321.7	316.7	312.4	313.9
-45°	182.9	207.6	232.6	259.8	286.3	309.1	320.9	327.4	321.5	315.9	311.9
-47.5°	169.9	193.0	216.6	241.3	267.9	292.0	313.0	322.1	326.4	321.7	315.8
-50°	156.8	178.3	200.3	223.2	247.0	272.2	294.4	312.3	321.4	324.9	323.1
-52.5°	144.4	163.2	184.0	204.9	226.3	248.6	271.8	291.6	307.9	320.3	323.3
-55°	131.7	149.2	167.3	186.6	205.9	225.8	245.7	266.2	285.6	300.2	313.9
-57.5°	119.1	135.3	151.4	168.3	185.9	203.2	221.0	238.6	256.7	273.9	289.0
-60°	106.2	121.1	135.9	150.7	165.8	181.6	196.6	212.3	228.1	243.3	257.9
-62.5°	93.1	106.8	120.2	133.4	146.9	160.1	173.6	187.0	199.8	213.3	226.1
-65°	80.8	92.6	104.7	116.6	127.9	139.5	151.1	162.5	174.1	185.2	195.5
-67.5°	68.4	79.1	89.6	100.0	110.4	119.9	128.9	138.9	148.8	158.5	167.8
-70°	57.9	65.7	74.8	84.0	92.9	101.3	109.5	117.3	124.6	132.3	140.5
-72.5°	47.7	54.5	61.3	68.1	75.8	83.1	90.2	97.1	103.4	109.3	115.2
-75°	38.5	43.2	48.8	54.6	60.1	65.5	71.0	76.9	82.2	86.9	91.3
-77.5°	30.1	33.9	37.7	41.6	45.3	49.6	53.9	58.2	62.0	65.4	68.5
-80°	22.1	24.5	27.4	30.3	33.0	35.6	38.2	40.8	43.4	46.1	48.8
-82.5°	15.1	16.9	18.6	20.2	21.6	22.8	24.0	25.7	27.6	29.5	31.2
-85°	8.5	9.2	10.3	11.5	12.5	13.4	14.2	15.0	15.8	16.6	17.3
-87.5°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	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: P558836 (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°	7.5	7.4	7.3	7.2	7.0	7.1	7.2	7.3	7.4	7.9	8.3
85°	18.1	18.9	19.7	20.6	21.4	22.0	22.6	23.0	23.4	23.8	24.1
82.5°	32.9	34.6	36.2	37.7	38.9	40.0	41.0	41.8	42.5	43.2	43.7
80°	51.3	53.5	55.6	57.4	58.9	60.3	61.5	62.4	63.2	64.7	66.2
77.5°	71.8	75.0	77.9	80.6	83.1	85.5	87.7	89.8	91.6	93.0	93.9
75°	95.5	99.6	103.6	107.4	110.8	114.2	117.6	120.8	123.6	125.5	126.8
72.5°	121.1	126.5	131.4	136.1	140.4	144.7	148.9	152.7	156.1	158.7	160.7
70°	148.4	155.4	161.2	166.6	171.9	177.3	182.4	187.0	190.9	194.1	196.7
67.5°	176.7	184.8	192.0	199.1	206.1	212.7	219.1	224.9	230.3	234.4	237.1
65°	205.6	216.0	225.6	234.2	242.1	249.6	257.4	264.7	271.3	276.7	280.8
62.5°	238.3	250.1	260.9	270.6	279.3	286.3	293.8	300.6	306.8	312.5	318.1
60°	271.8	284.9	294.4	302.7	310.2	316.9	319.5	322.0	324.0	325.9	328.1
57.5°	301.0	312.3	320.5	322.3	324.0	325.4	324.5	321.8	319.1	316.3	314.2
55°	321.4	324.6	328.2	325.3	320.8	316.6	312.9	310.3	308.0	305.8	304.0
52.5°	326.8	323.6	319.9	315.7	312.6	309.4	306.1	306.7	307.7	308.5	308.9
50°	318.8	315.1	313.1	310.7	311.1	312.8	314.0	317.1	320.9	323.6	325.9
47.5°	312.6	310.3	313.3	317.3	320.9	327.5	333.3	339.1	348.0	355.1	360.7
45°	311.0	316.8	322.8	332.4	340.7	355.3	369.0	380.4	401.6	421.1	436.4
42.5°	319.8	329.8	340.7	359.3	379.3	405.0	438.0	465.9	498.6	529.1	551.2
40°	334.3	349.0	373.6	403.5	450.3	491.9	546.7	593.5	637.4	684.0	719.0
37.5°	355.1	382.7	428.7	482.4	553.4	621.7	697.1	770.3	832.6	927.0	1000.9
35°	386.1	441.9	507.2	596.9	689.8	794.4	904.6	1046.5	1171.6	1318.3	1456.2
32.5°	442.6	518.0	620.5	741.9	865.2	1045.7	1216.0	1446.6	1654.0	1912.8	2191.1
30°	508.7	621.2	758.9	917.4	1140.7	1389.0	1668.8	2022.8	2443.3	2944.1	3616.1
27.5°	599.7	744.3	917.4	1174.3	1491.1	1823.8	2320.2	2915.1	3999.3	4944.1	6196.2
25°	697.7	874.3	1148.2	1493.4	1910.3	2509.4	3479.8	4717.7	6471.1	8147.7	9488.0
22.5°	810.8	1068.7	1414.4	1844.1	2518.7	3678.7	5185.3	7365.4	9320.7	11011.7	12314.0
20°	935.9	1259.4	1724.1	2380.6	3529.6	5228.5	7647.1	9884.4	11881.4	13337.2	14487.9
17.5°	1098.0	1520.6	2110.2	3016.1	4779.6	7397.5	9890.9	12102.3	13839.9	15118.9	16138.9
15°	1249.3	1761.0	2525.0	4070.8	6477.8	9275.7	11831.5	13804.2	15307.9	16498.0	17415.2
12.5°	1427.9	2031.1	3010.1	4981.9	8039.2	10825.3	13209.4	15051.5	16499.5	17615.0	18844.2
10°	1587.0	2321.6	3705.0	6196.1	9321.6	12043.1	14358.3	16013.8	17465.7	18919.5	20762.7
7.5°	1718.3	2565.5	4274.9	7220.5	10306.1	12944.0	15053.1	16707.2	18307.5	20249.1	22907.5
5°	1822.6	2749.4	4743.7	7994.0	11021.8	13586.9	15583.8	17260.4	19067.9	21665.3	25232.9
2.5°	1892.3	2869.9	5036.8	8461.3	11473.4	13955.7	15977.1	17622.2	19517.4	22458.2	26185.4
0°	1920.1	2925.5	4962.5	8545.9	11500.7	14075.7	16035.7	17757.5	19645.4	22590.9	26360.4
-2.5°	1892.3	2869.9	5036.8	8461.3	11473.4	13955.7	15977.1	17622.2	19517.4	22458.2	26185.4
-5°	1822.6	2749.4	4743.7	7994.0	11021.8	13586.9	15583.8	17260.4	19067.9	21665.3	25232.9
-7.5°	1718.3	2565.5	4274.9	7220.5	10306.1	12944.0	15053.1	16707.2	18307.5	20249.1	22907.5
-10°	1587.0	2321.6	3705.0	6196.1	9321.6	12043.1	14358.3	16013.8	17465.7	18919.5	20762.7
-12.5°	1427.9	2031.1	3010.1	4981.9	8039.2	10825.3	13209.4	15051.5	16499.5	17615.0	18844.2
-15°	1249.3	1761.0	2525.0	4070.8	6477.8	9275.7	11831.5	13804.2	15307.9	16498.0	17415.2
-17.5°	1098.0	1520.6	2110.2	3016.1	4779.6	7397.5	9890.9	12102.3	13839.9	15118.9	16138.9
-20°	935.9	1259.4	1724.1	2380.6	3529.6	5228.5	7647.1	9884.4	11881.4	13337.2	14487.9



REPORT NUMBER: P558836 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	810.8	1068.7	1414.4	1844.1	2518.7	3678.7	5185.3	7365.4	9320.7	11011.7	12314.0
-25°	697.7	874.3	1148.2	1493.4	1910.3	2509.4	3479.8	4717.7	6471.1	8147.7	9488.0
-27.5°	599.7	744.3	917.4	1174.3	1491.1	1823.8	2320.2	2915.1	3999.3	4944.1	6196.2
-30°	508.7	621.2	758.9	917.4	1140.7	1389.0	1668.8	2022.8	2443.3	2944.1	3616.1
-32.5°	442.6	518.0	620.5	741.9	865.2	1045.7	1216.0	1446.6	1654.0	1912.8	2191.1
-35°	386.1	441.9	507.2	596.9	689.8	794.4	904.6	1046.5	1171.6	1318.3	1456.2
-37.5°	355.1	382.7	428.7	482.4	553.4	621.7	697.1	770.3	832.6	927.0	1000.9
-40°	334.3	349.0	373.6	403.5	450.3	491.9	546.7	593.5	637.4	684.0	719.0
-42.5°	319.8	329.8	340.7	359.3	379.3	405.0	438.0	465.9	498.6	529.1	551.2
-45°	311.0	316.8	322.8	332.4	340.7	355.3	369.0	380.4	401.6	421.1	436.4
-47.5°	312.6	310.3	313.3	317.3	320.9	327.5	333.3	339.1	348.0	355.1	360.7
-50°	318.8	315.1	313.1	310.7	311.1	312.8	314.0	317.1	320.9	323.6	325.9
-52.5°	326.8	323.6	319.9	315.7	312.6	309.4	306.1	306.7	307.7	308.5	308.9
-55°	321.4	324.6	328.2	325.3	320.8	316.6	312.9	310.3	308.0	305.8	304.0
-57.5°	301.0	312.3	320.5	322.3	324.0	325.4	324.5	321.8	319.1	316.3	314.2
-60°	271.8	284.9	294.4	302.7	310.2	316.9	319.5	322.0	324.0	325.9	328.1
-62.5°	238.3	250.1	260.9	270.6	279.3	286.3	293.8	300.6	306.8	312.5	318.1
-65°	205.6	216.0	225.6	234.2	242.1	249.6	257.4	264.7	271.3	276.7	280.8
-67.5°	176.7	184.8	192.0	199.1	206.1	212.7	219.1	224.9	230.3	234.4	237.1
-70°	148.4	155.4	161.2	166.6	171.9	177.3	182.4	187.0	190.9	194.1	196.7
-72.5°	121.1	126.5	131.4	136.1	140.4	144.7	148.9	152.7	156.1	158.7	160.7
-75°	95.5	99.6	103.6	107.4	110.8	114.2	117.6	120.8	123.6	125.5	126.8
-77.5°	71.8	75.0	77.9	80.6	83.1	85.5	87.7	89.8	91.6	93.0	93.9
-80°	51.3	53.5	55.6	57.4	58.9	60.3	61.5	62.4	63.2	64.7	66.2
-82.5°	32.9	34.6	36.2	37.7	38.9	40.0	41.0	41.8	42.5	43.2	43.7
-85°	18.1	18.9	19.7	20.6	21.4	22.0	22.6	23.0	23.4	23.8	24.1
-87.5°	7.5	7.4	7.3	7.2	7.0	7.1	7.2	7.3	7.4	7.9	8.3
-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: P558836 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-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°	8.7	9.2	9.2	9.2	9.2	9.2	8.7	8.3	7.9	7.4	7.3
85°	24.3	24.5	25.3	26.1	25.3	24.5	24.3	24.1	23.8	23.4	23.0
82.5°	44.1	44.4	44.5	44.6	44.5	44.4	44.1	43.7	43.2	42.5	41.8
80°	67.6	68.8	68.3	67.6	68.3	68.8	67.6	66.2	64.7	63.2	62.4
77.5°	94.5	94.8	94.4	93.8	94.4	94.8	94.5	93.9	93.0	91.6	89.8
75°	127.8	128.3	128.9	129.1	128.9	128.3	127.8	126.8	125.5	123.6	120.8
72.5°	162.3	163.5	163.5	163.0	163.5	163.5	162.3	160.7	158.7	156.1	152.7
70°	198.8	200.2	201.1	201.4	201.1	200.2	198.8	196.7	194.1	190.9	187.0
67.5°	239.0	240.1	241.0	241.4	241.0	240.1	239.0	237.1	234.4	230.3	224.9
65°	284.3	287.0	287.9	287.5	287.9	287.0	284.3	280.8	276.7	271.3	264.7
62.5°	323.4	328.1	330.0	330.5	330.0	328.1	323.4	318.1	312.5	306.8	300.6
60°	330.0	331.6	332.1	332.1	332.1	331.6	330.0	328.1	325.9	324.0	322.0
57.5°	312.2	310.4	309.3	309.0	309.3	310.4	312.2	314.2	316.3	319.1	321.8
55°	302.3	300.7	299.9	299.8	299.9	300.7	302.3	304.0	305.8	308.0	310.3
52.5°	309.0	308.8	309.4	310.5	309.4	308.8	309.0	308.9	308.5	307.7	306.7
50°	327.9	329.2	330.7	332.1	330.7	329.2	327.9	325.9	323.6	320.9	317.1
47.5°	364.8	366.9	368.2	369.0	368.2	366.9	364.8	360.7	355.1	348.0	339.1
45°	446.3	451.7	454.2	455.0	454.2	451.7	446.3	436.4	421.1	401.6	380.4
42.5°	565.9	573.9	577.3	578.0	577.3	573.9	565.9	551.2	529.1	498.6	465.9
40°	744.1	758.4	765.3	770.2	765.3	758.4	744.1	719.0	684.0	637.4	593.5
37.5°	1056.1	1092.0	1112.3	1129.9	1112.3	1092.0	1056.1	1000.9	927.0	832.6	770.3
35°	1568.4	1650.6	1699.0	1709.5	1699.0	1650.6	1568.4	1456.2	1318.3	1171.6	1046.5
32.5°	2405.3	2566.5	2662.9	2674.9	2662.9	2566.5	2405.3	2191.1	1912.8	1654.0	1446.6
30°	4137.7	4589.4	4899.0	4856.4	4899.0	4589.4	4137.7	3616.1	2944.1	2443.3	2022.8
27.5°	7222.0	8041.2	8573.3	8529.0	8573.3	8041.2	7222.0	6196.2	4944.1	3999.3	2915.1
25°	10518.5	11272.5	11717.6	11881.9	11717.6	11272.5	10518.5	9488.0	8147.7	6471.1	4717.7
22.5°	13210.5	13884.5	14269.5	14500.0	14269.5	13884.5	13210.5	12314.0	11011.7	9320.7	7365.4
20°	15273.0	15857.5	16188.7	16330.9	16188.7	15857.5	15273.0	14487.9	13337.2	11881.4	9884.4
17.5°	16859.7	17349.1	17724.1	17820.6	17724.1	17349.1	16859.7	16138.9	15118.9	13839.9	12102.3
15°	18263.2	18895.4	19337.5	19502.4	19337.5	18895.4	18263.2	17415.2	16498.0	15307.9	13804.2
12.5°	20033.1	21132.3	21716.7	21851.4	21716.7	21132.3	20033.1	18844.2	17615.0	16499.5	15051.5
10°	22649.1	24338.7	24530.1	24268.1	24530.1	24338.7	22649.1	20762.7	18919.5	17465.7	16013.8
7.5°	26459.0	28711.9	28224.8	27413.4	28224.8	28711.9	26459.0	22907.5	20249.1	18307.5	16707.2
5°	29185.4	32313.4	32410.5	31814.8	32410.5	32313.4	29185.4	25232.9	21665.3	19067.9	17260.4
2.5°	30270.8	33490.7	35093.3	35356.0	35093.3	33490.7	30270.8	26185.4	22458.2	19517.4	17622.2
0°	30352.0	33870.1	35770.2	36242.2	35770.2	33870.1	30352.0	26360.4	22590.9	19645.4	17757.5
-2.5°	30270.8	33490.7	35093.3	35356.0	35093.3	33490.7	30270.8	26185.4	22458.2	19517.4	17622.2
-5°	29185.4	32313.4	32410.5	31814.8	32410.5	32313.4	29185.4	25232.9	21665.3	19067.9	17260.4
-7.5°	26459.0	28711.9	28224.8	27413.4	28224.8	28711.9	26459.0	22907.5	20249.1	18307.5	16707.2
-10°	22649.1	24338.7	24530.1	24268.1	24530.1	24338.7	22649.1	20762.7	18919.5	17465.7	16013.8
-12.5°	20033.1	21132.3	21716.7	21851.4	21716.7	21132.3	20033.1	18844.2	17615.0	16499.5	15051.5
-15°	18263.2	18895.4	19337.5	19502.4	19337.5	18895.4	18263.2	17415.2	16498.0	15307.9	13804.2
-17.5°	16859.7	17349.1	17724.1	17820.6	17724.1	17349.1	16859.7	16138.9	15118.9	13839.9	12102.3
-20°	15273.0	15857.5	16188.7	16330.9	16188.7	15857.5	15273.0	14487.9	13337.2	11881.4	9884.4



REPORT NUMBER: P558836 (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°	13210.5	13884.5	14269.5	14500.0	14269.5	13884.5	13210.5	12314.0	11011.7	9320.7	7365.4
-25°	10518.5	11272.5	11717.6	11881.9	11717.6	11272.5	10518.5	9488.0	8147.7	6471.1	4717.7
-27.5°	7222.0	8041.2	8573.3	8529.0	8573.3	8041.2	7222.0	6196.2	4944.1	3999.3	2915.1
-30°	4137.7	4589.4	4899.0	4856.4	4899.0	4589.4	4137.7	3616.1	2944.1	2443.3	2022.8
-32.5°	2405.3	2566.5	2662.9	2674.9	2662.9	2566.5	2405.3	2191.1	1912.8	1654.0	1446.6
-35°	1568.4	1650.6	1699.0	1709.5	1699.0	1650.6	1568.4	1456.2	1318.3	1171.6	1046.5
-37.5°	1056.1	1092.0	1112.3	1129.9	1112.3	1092.0	1056.1	1000.9	927.0	832.6	770.3
-40°	744.1	758.4	765.3	770.2	765.3	758.4	744.1	719.0	684.0	637.4	593.5
-42.5°	565.9	573.9	577.3	578.0	577.3	573.9	565.9	551.2	529.1	498.6	465.9
-45°	446.3	451.7	454.2	455.0	454.2	451.7	446.3	436.4	421.1	401.6	380.4
-47.5°	364.8	366.9	368.2	369.0	368.2	366.9	364.8	360.7	355.1	348.0	339.1
-50°	327.9	329.2	330.7	332.1	330.7	329.2	327.9	325.9	323.6	320.9	317.1
-52.5°	309.0	308.8	309.4	310.5	309.4	308.8	309.0	308.9	308.5	307.7	306.7
-55°	302.3	300.7	299.9	299.8	299.9	300.7	302.3	304.0	305.8	308.0	310.3
-57.5°	312.2	310.4	309.3	309.0	309.3	310.4	312.2	314.2	316.3	319.1	321.8
-60°	330.0	331.6	332.1	332.1	332.1	331.6	330.0	328.1	325.9	324.0	322.0
-62.5°	323.4	328.1	330.0	330.5	330.0	328.1	323.4	318.1	312.5	306.8	300.6
-65°	284.3	287.0	287.9	287.5	287.9	287.0	284.3	280.8	276.7	271.3	264.7
-67.5°	239.0	240.1	241.0	241.4	241.0	240.1	239.0	237.1	234.4	230.3	224.9
-70°	198.8	200.2	201.1	201.4	201.1	200.2	198.8	196.7	194.1	190.9	187.0
-72.5°	162.3	163.5	163.5	163.0	163.5	163.5	162.3	160.7	158.7	156.1	152.7
-75°	127.8	128.3	128.9	129.1	128.9	128.3	127.8	126.8	125.5	123.6	120.8
-77.5°	94.5	94.8	94.4	93.8	94.4	94.8	94.5	93.9	93.0	91.6	89.8
-80°	67.6	68.8	68.3	67.6	68.3	68.8	67.6	66.2	64.7	63.2	62.4
-82.5°	44.1	44.4	44.5	44.6	44.5	44.4	44.1	43.7	43.2	42.5	41.8
-85°	24.3	24.5	25.3	26.1	25.3	24.5	24.3	24.1	23.8	23.4	23.0
-87.5°	8.7	9.2	9.2	9.2	9.2	9.2	8.7	8.3	7.9	7.4	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: P558836 (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°	7.2	7.1	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
85°	22.6	22.0	21.4	20.6	19.7	18.9	18.1	17.3	16.6	15.8	15.0
82.5°	41.0	40.0	38.9	37.7	36.2	34.6	32.9	31.2	29.5	27.6	25.7
80°	61.5	60.3	58.9	57.4	55.6	53.5	51.3	48.8	46.1	43.4	40.8
77.5°	87.7	85.5	83.1	80.6	77.9	75.0	71.8	68.5	65.4	62.0	58.2
75°	117.6	114.2	110.8	107.4	103.6	99.6	95.5	91.3	86.9	82.2	76.9
72.5°	148.9	144.7	140.4	136.1	131.4	126.5	121.1	115.2	109.3	103.4	97.1
70°	182.4	177.3	171.9	166.6	161.2	155.4	148.4	140.5	132.3	124.6	117.3
67.5°	219.1	212.7	206.1	199.1	192.0	184.8	176.7	167.8	158.5	148.8	138.9
65°	257.4	249.6	242.1	234.2	225.6	216.0	205.6	195.5	185.2	174.1	162.5
62.5°	293.8	286.3	279.3	270.6	260.9	250.1	238.3	226.1	213.3	199.8	187.0
60°	319.5	316.9	310.2	302.7	294.4	284.9	271.8	257.9	243.3	228.1	212.3
57.5°	324.5	325.4	324.0	322.3	320.5	312.3	301.0	289.0	273.9	256.7	238.6
55°	312.9	316.6	320.8	325.3	328.2	324.6	321.4	313.9	300.2	285.6	266.2
52.5°	306.1	309.4	312.6	315.7	319.9	323.6	326.8	323.3	320.3	307.9	291.6
50°	314.0	312.8	311.1	310.7	313.1	315.1	318.8	323.1	324.9	321.4	312.3
47.5°	333.3	327.5	320.9	317.3	313.3	310.3	312.6	315.8	321.7	326.4	322.1
45°	369.0	355.3	340.7	332.4	322.8	316.8	311.0	311.9	315.9	321.5	327.4
42.5°	438.0	405.0	379.3	359.3	340.7	329.8	319.8	313.9	312.4	316.7	321.7
40°	546.7	491.9	450.3	403.5	373.6	349.0	334.3	321.7	315.5	313.6	316.5
37.5°	697.1	621.7	553.4	482.4	428.7	382.7	355.1	336.2	322.3	315.1	312.9
35°	904.6	794.4	689.8	596.9	507.2	441.9	386.1	355.8	335.2	320.4	312.2
32.5°	1216.0	1045.7	865.2	741.9	620.5	518.0	442.6	384.0	349.4	329.9	316.9
30°	1668.8	1389.0	1140.7	917.4	758.9	621.2	508.7	428.5	372.5	340.1	322.5
27.5°	2320.2	1823.8	1491.1	1174.3	917.4	744.3	599.7	480.0	400.0	356.9	331.3
25°	3479.8	2509.4	1910.3	1493.4	1148.2	874.3	697.7	553.7	444.2	374.4	339.1
22.5°	5185.3	3678.7	2518.7	1844.1	1414.4	1068.7	810.8	630.7	485.9	400.2	353.0
20°	7647.1	5228.5	3529.6	2380.6	1724.1	1259.4	935.9	717.4	551.1	435.1	366.7
17.5°	9890.9	7397.5	4779.6	3016.1	2110.2	1520.6	1098.0	800.6	607.1	466.1	378.9
15°	11831.5	9275.7	6477.8	4070.8	2525.0	1761.0	1249.3	875.3	659.9	503.2	401.9
12.5°	13209.4	10825.3	8039.2	4981.9	3010.1	2031.1	1427.9	995.2	717.2	539.9	422.9
10°	14358.3	12043.1	9321.6	6196.1	3705.0	2321.6	1587.0	1095.8	765.8	568.1	439.4
7.5°	15053.1	12944.0	10306.1	7220.5	4274.9	2565.5	1718.3	1171.0	804.8	588.2	451.6
5°	15583.8	13586.9	11021.8	7994.0	4743.7	2749.4	1822.6	1221.4	833.2	600.4	459.4
2.5°	15977.1	13955.7	11473.4	8461.3	5036.8	2869.9	1892.3	1257.3	847.3	611.3	466.1
0°	16035.7	14075.7	11500.7	8545.9	4962.5	2925.5	1920.1	1279.0	847.1	616.5	468.9
-2.5°	15977.1	13955.7	11473.4	8461.3	5036.8	2869.9	1892.3	1257.3	847.3	611.3	466.1
-5°	15583.8	13586.9	11021.8	7994.0	4743.7	2749.4	1822.6	1221.4	833.2	600.4	459.4
-7.5°	15053.1	12944.0	10306.1	7220.5	4274.9	2565.5	1718.3	1171.0	804.8	588.2	451.6
-10°	14358.3	12043.1	9321.6	6196.1	3705.0	2321.6	1587.0	1095.8	765.8	568.1	439.4
-12.5°	13209.4	10825.3	8039.2	4981.9	3010.1	2031.1	1427.9	995.2	717.2	539.9	422.9
-15°	11831.5	9275.7	6477.8	4070.8	2525.0	1761.0	1249.3	875.3	659.9	503.2	401.9
-17.5°	9890.9	7397.5	4779.6	3016.1	2110.2	1520.6	1098.0	800.6	607.1	466.1	378.9
-20°	7647.1	5228.5	3529.6	2380.6	1724.1	1259.4	935.9	717.4	551.1	435.1	366.7



REPORT NUMBER: P558836 (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°	5185.3	3678.7	2518.7	1844.1	1414.4	1068.7	810.8	630.7	485.9	400.2	353.0
-25°	3479.8	2509.4	1910.3	1493.4	1148.2	874.3	697.7	553.7	444.2	374.4	339.1
-27.5°	2320.2	1823.8	1491.1	1174.3	917.4	744.3	599.7	480.0	400.0	356.9	331.3
-30°	1668.8	1389.0	1140.7	917.4	758.9	621.2	508.7	428.5	372.5	340.1	322.5
-32.5°	1216.0	1045.7	865.2	741.9	620.5	518.0	442.6	384.0	349.4	329.9	316.9
-35°	904.6	794.4	689.8	596.9	507.2	441.9	386.1	355.8	335.2	320.4	312.2
-37.5°	697.1	621.7	553.4	482.4	428.7	382.7	355.1	336.2	322.3	315.1	312.9
-40°	546.7	491.9	450.3	403.5	373.6	349.0	334.3	321.7	315.5	313.6	316.5
-42.5°	438.0	405.0	379.3	359.3	340.7	329.8	319.8	313.9	312.4	316.7	321.7
-45°	369.0	355.3	340.7	332.4	322.8	316.8	311.0	311.9	315.9	321.5	327.4
-47.5°	333.3	327.5	320.9	317.3	313.3	310.3	312.6	315.8	321.7	326.4	322.1
-50°	314.0	312.8	311.1	310.7	313.1	315.1	318.8	323.1	324.9	321.4	312.3
-52.5°	306.1	309.4	312.6	315.7	319.9	323.6	326.8	323.3	320.3	307.9	291.6
-55°	312.9	316.6	320.8	325.3	328.2	324.6	321.4	313.9	300.2	285.6	266.2
-57.5°	324.5	325.4	324.0	322.3	320.5	312.3	301.0	289.0	273.9	256.7	238.6
-60°	319.5	316.9	310.2	302.7	294.4	284.9	271.8	257.9	243.3	228.1	212.3
-62.5°	293.8	286.3	279.3	270.6	260.9	250.1	238.3	226.1	213.3	199.8	187.0
-65°	257.4	249.6	242.1	234.2	225.6	216.0	205.6	195.5	185.2	174.1	162.5
-67.5°	219.1	212.7	206.1	199.1	192.0	184.8	176.7	167.8	158.5	148.8	138.9
-70°	182.4	177.3	171.9	166.6	161.2	155.4	148.4	140.5	132.3	124.6	117.3
-72.5°	148.9	144.7	140.4	136.1	131.4	126.5	121.1	115.2	109.3	103.4	97.1
-75°	117.6	114.2	110.8	107.4	103.6	99.6	95.5	91.3	86.9	82.2	76.9
-77.5°	87.7	85.5	83.1	80.6	77.9	75.0	71.8	68.5	65.4	62.0	58.2
-80°	61.5	60.3	58.9	57.4	55.6	53.5	51.3	48.8	46.1	43.4	40.8
-82.5°	41.0	40.0	38.9	37.7	36.2	34.6	32.9	31.2	29.5	27.6	25.7
-85°	22.6	22.0	21.4	20.6	19.7	18.9	18.1	17.3	16.6	15.8	15.0
-87.5°	7.2	7.1	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	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: P558836 (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°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
85°	14.2	13.4	12.5	11.5	10.3	9.2	8.5	7.8	7.0	6.3	5.5
82.5°	24.0	22.8	21.6	20.2	18.6	16.9	15.1	13.3	11.5	9.6	8.3
80°	38.2	35.6	33.0	30.3	27.4	24.5	22.1	19.8	17.5	15.1	12.5
77.5°	53.9	49.6	45.3	41.6	37.7	33.9	30.1	26.5	23.5	20.5	17.4
75°	71.0	65.5	60.1	54.6	48.8	43.2	38.5	34.1	30.0	26.0	22.2
72.5°	90.2	83.1	75.8	68.1	61.3	54.5	47.7	41.5	36.6	31.8	27.1
70°	109.5	101.3	92.9	84.0	74.8	65.7	57.9	50.5	43.2	37.5	32.1
67.5°	128.9	119.9	110.4	100.0	89.6	79.1	68.4	59.7	51.5	43.2	36.9
65°	151.1	139.5	127.9	116.6	104.7	92.6	80.8	69.5	59.7	50.5	41.6
62.5°	173.6	160.1	146.9	133.4	120.2	106.8	93.1	80.7	68.2	57.7	47.4
60°	196.6	181.6	165.8	150.7	135.9	121.1	106.2	91.8	78.1	64.7	53.6
57.5°	221.0	203.2	185.9	168.3	151.4	135.3	119.1	103.1	87.9	73.0	59.6
55°	245.7	225.8	205.9	186.6	167.3	149.2	131.7	114.3	97.5	81.4	65.5
52.5°	271.8	248.6	226.3	204.9	184.0	163.2	144.4	125.0	107.0	89.7	72.6
50°	294.4	272.2	247.0	223.2	200.3	178.3	156.8	136.3	116.2	97.7	79.5
47.5°	313.0	292.0	267.9	241.3	216.6	193.0	169.9	147.5	124.9	105.3	86.1
45°	320.9	309.1	286.3	259.8	232.6	207.6	182.9	158.4	134.7	112.7	92.4
42.5°	325.4	318.0	301.9	277.2	249.2	221.9	195.4	169.6	144.2	119.9	98.5
40°	321.0	322.3	314.1	291.8	265.5	235.6	207.8	180.4	153.5	127.2	104.5
37.5°	315.8	321.3	318.0	306.0	280.5	250.0	219.7	190.7	162.3	134.9	110.2
35°	312.6	316.6	322.2	314.2	292.9	263.8	231.0	200.7	171.0	142.2	115.6
32.5°	309.9	312.9	319.1	317.8	304.5	276.9	242.4	210.2	179.1	149.1	120.8
30°	312.4	310.6	315.5	321.1	313.0	287.1	253.6	219.1	186.7	155.4	125.8
27.5°	316.0	308.3	312.4	319.6	315.7	296.2	263.8	227.3	193.8	161.4	130.9
25°	320.2	309.8	310.3	316.7	318.1	304.5	273.0	235.0	200.5	167.1	135.7
22.5°	326.8	312.3	308.2	313.9	320.4	312.1	280.7	242.6	206.7	172.4	139.9
20°	332.7	314.3	306.1	311.4	320.0	314.0	286.9	249.5	212.2	177.0	143.7
17.5°	338.9	317.5	307.3	309.6	317.8	315.7	292.5	255.5	217.2	181.2	147.1
15°	348.8	321.9	308.8	308.1	315.8	317.2	297.5	260.6	221.5	184.8	150.0
12.5°	357.3	325.5	310.0	306.9	313.8	318.4	301.8	264.9	225.1	187.8	152.5
10°	364.2	328.4	310.7	305.9	312.0	319.5	305.4	268.8	228.3	190.2	154.6
7.5°	369.5	330.5	311.1	305.1	310.5	320.3	308.7	272.7	231.1	191.9	156.2
5°	373.3	332.8	312.2	304.7	309.7	320.9	311.2	275.9	233.1	193.1	157.4
2.5°	376.6	335.9	313.8	304.5	309.2	321.2	312.8	278.3	234.5	193.7	158.1
0°	378.2	338.2	315.1	304.4	309.0	321.3	313.6	279.8	235.2	193.7	158.3
-2.5°	376.6	335.9	313.8	304.5	309.2	321.2	312.8	278.3	234.5	193.7	158.1
-5°	373.3	332.8	312.2	304.7	309.7	320.9	311.2	275.9	233.1	193.1	157.4
-7.5°	369.5	330.5	311.1	305.1	310.5	320.3	308.7	272.7	231.1	191.9	156.2
-10°	364.2	328.4	310.7	305.9	312.0	319.5	305.4	268.8	228.3	190.2	154.6
-12.5°	357.3	325.5	310.0	306.9	313.8	318.4	301.8	264.9	225.1	187.8	152.5
-15°	348.8	321.9	308.8	308.1	315.8	317.2	297.5	260.6	221.5	184.8	150.0
-17.5°	338.9	317.5	307.3	309.6	317.8	315.7	292.5	255.5	217.2	181.2	147.1
-20°	332.7	314.3	306.1	311.4	320.0	314.0	286.9	249.5	212.2	177.0	143.7



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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°	326.8	312.3	308.2	313.9	320.4	312.1	280.7	242.6	206.7	172.4	139.9
-25°	320.2	309.8	310.3	316.7	318.1	304.5	273.0	235.0	200.5	167.1	135.7
-27.5°	316.0	308.3	312.4	319.6	315.7	296.2	263.8	227.3	193.8	161.4	130.9
-30°	312.4	310.6	315.5	321.1	313.0	287.1	253.6	219.1	186.7	155.4	125.8
-32.5°	309.9	312.9	319.1	317.8	304.5	276.9	242.4	210.2	179.1	149.1	120.8
-35°	312.6	316.6	322.2	314.2	292.9	263.8	231.0	200.7	171.0	142.2	115.6
-37.5°	315.8	321.3	318.0	306.0	280.5	250.0	219.7	190.7	162.3	134.9	110.2
-40°	321.0	322.3	314.1	291.8	265.5	235.6	207.8	180.4	153.5	127.2	104.5
-42.5°	325.4	318.0	301.9	277.2	249.2	221.9	195.4	169.6	144.2	119.9	98.5
-45°	320.9	309.1	286.3	259.8	232.6	207.6	182.9	158.4	134.7	112.7	92.4
-47.5°	313.0	292.0	267.9	241.3	216.6	193.0	169.9	147.5	124.9	105.3	86.1
-50°	294.4	272.2	247.0	223.2	200.3	178.3	156.8	136.3	116.2	97.7	79.5
-52.5°	271.8	248.6	226.3	204.9	184.0	163.2	144.4	125.0	107.0	89.7	72.6
-55°	245.7	225.8	205.9	186.6	167.3	149.2	131.7	114.3	97.5	81.4	65.5
-57.5°	221.0	203.2	185.9	168.3	151.4	135.3	119.1	103.1	87.9	73.0	59.6
-60°	196.6	181.6	165.8	150.7	135.9	121.1	106.2	91.8	78.1	64.7	53.6
-62.5°	173.6	160.1	146.9	133.4	120.2	106.8	93.1	80.7	68.2	57.7	47.4
-65°	151.1	139.5	127.9	116.6	104.7	92.6	80.8	69.5	59.7	50.5	41.6
-67.5°	128.9	119.9	110.4	100.0	89.6	79.1	68.4	59.7	51.5	43.2	36.9
-70°	109.5	101.3	92.9	84.0	74.8	65.7	57.9	50.5	43.2	37.5	32.1
-72.5°	90.2	83.1	75.8	68.1	61.3	54.5	47.7	41.5	36.6	31.8	27.1
-75°	71.0	65.5	60.1	54.6	48.8	43.2	38.5	34.1	30.0	26.0	22.2
-77.5°	53.9	49.6	45.3	41.6	37.7	33.9	30.1	26.5	23.5	20.5	17.4
-80°	38.2	35.6	33.0	30.3	27.4	24.5	22.1	19.8	17.5	15.1	12.5
-82.5°	24.0	22.8	21.6	20.2	18.6	16.9	15.1	13.3	11.5	9.6	8.3
-85°	14.2	13.4	12.5	11.5	10.3	9.2	8.5	7.8	7.0	6.3	5.5
-87.5°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
-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):

	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°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
80°	9.7	7.9	6.4	4.8	3.2	1.6	0.0
77.5°	14.0	10.4	7.9	6.0	4.0	2.0	0.0
75°	18.2	13.9	9.7	7.1	4.8	2.4	0.0
72.5°	22.4	17.3	12.4	8.3	5.5	2.8	0.0
70°	26.5	20.7	15.0	9.6	6.3	3.1	0.0
67.5°	30.7	24.0	17.6	11.5	7.0	3.5	0.0
65°	34.8	27.3	20.1	13.4	7.8	3.9	0.0
62.5°	38.8	30.8	22.6	15.2	8.5	4.2	0.0
60°	42.9	34.3	25.0	17.0	9.2	4.6	0.0
57.5°	47.9	37.7	27.8	18.7	10.4	4.9	0.0
55°	53.0	41.0	30.5	20.4	11.5	5.3	0.0
52.5°	57.9	44.5	33.2	22.0	12.6	5.6	0.0
50°	62.7	48.4	35.8	23.6	13.7	5.9	0.0
47.5°	67.5	52.3	38.3	25.1	14.7	6.2	0.0
45°	72.8	56.0	40.8	27.0	15.7	6.5	0.0
42.5°	77.9	59.5	43.2	28.8	16.7	6.8	0.0
40°	82.8	62.9	45.7	30.5	17.7	7.0	0.0
37.5°	87.3	66.2	48.3	32.2	18.6	7.3	0.0
35°	91.5	69.5	50.7	33.7	19.4	7.5	0.0
32.5°	95.6	72.9	53.0	35.1	20.2	7.8	0.0
30°	99.7	76.0	55.2	36.4	21.0	8.0	0.0
27.5°	103.5	78.8	57.0	37.6	21.7	8.2	0.0
25°	107.0	81.4	58.7	38.7	22.4	8.3	0.0
22.5°	110.2	83.6	60.2	39.6	23.0	8.5	0.0
20°	113.2	85.6	61.5	40.5	23.6	8.6	0.0
17.5°	115.8	87.3	62.7	41.2	24.1	8.8	0.0
15°	118.0	88.7	63.7	41.8	24.6	8.9	0.0
12.5°	120.0	89.9	64.5	42.2	25.0	9.0	0.0
10°	121.6	90.9	65.2	42.6	25.3	9.1	0.0
7.5°	122.8	91.6	65.7	42.9	25.6	9.1	0.0
5°	123.8	92.0	66.0	43.0	25.8	9.2	0.0
2.5°	124.3	92.3	66.1	43.1	26.0	9.2	0.0
0°	124.5	92.2	66.1	43.0	26.1	9.2	0.0
-2.5°	124.3	92.3	66.1	43.1	26.0	9.2	0.0
-5°	123.8	92.0	66.0	43.0	25.8	9.2	0.0
-7.5°	122.8	91.6	65.7	42.9	25.6	9.1	0.0
-10°	121.6	90.9	65.2	42.6	25.3	9.1	0.0
-12.5°	120.0	89.9	64.5	42.2	25.0	9.0	0.0
-15°	118.0	88.7	63.7	41.8	24.6	8.9	0.0
-17.5°	115.8	87.3	62.7	41.2	24.1	8.8	0.0
-20°	113.2	85.6	61.5	40.5	23.6	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	110.2	83.6	60.2	39.6	23.0	8.5	0.0
-25°	107.0	81.4	58.7	38.7	22.4	8.3	0.0
-27.5°	103.5	78.8	57.0	37.6	21.7	8.2	0.0
-30°	99.7	76.0	55.2	36.4	21.0	8.0	0.0
-32.5°	95.6	72.9	53.0	35.1	20.2	7.8	0.0
-35°	91.5	69.5	50.7	33.7	19.4	7.5	0.0
-37.5°	87.3	66.2	48.3	32.2	18.6	7.3	0.0
-40°	82.8	62.9	45.7	30.5	17.7	7.0	0.0
-42.5°	77.9	59.5	43.2	28.8	16.7	6.8	0.0
-45°	72.8	56.0	40.8	27.0	15.7	6.5	0.0
-47.5°	67.5	52.3	38.3	25.1	14.7	6.2	0.0
-50°	62.7	48.4	35.8	23.6	13.7	5.9	0.0
-52.5°	57.9	44.5	33.2	22.0	12.6	5.6	0.0
-55°	53.0	41.0	30.5	20.4	11.5	5.3	0.0
-57.5°	47.9	37.7	27.8	18.7	10.4	4.9	0.0
-60°	42.9	34.3	25.0	17.0	9.2	4.6	0.0
-62.5°	38.8	30.8	22.6	15.2	8.5	4.2	0.0
-65°	34.8	27.3	20.1	13.4	7.8	3.9	0.0
-67.5°	30.7	24.0	17.6	11.5	7.0	3.5	0.0
-70°	26.5	20.7	15.0	9.6	6.3	3.1	0.0
-72.5°	22.4	17.3	12.4	8.3	5.5	2.8	0.0
-75°	18.2	13.9	9.7	7.1	4.8	2.4	0.0
-77.5°	14.0	10.4	7.9	6.0	4.0	2.0	0.0
-80°	9.7	7.9	6.4	4.8	3.2	1.6	0.0
-82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	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)