

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: P558812 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558812 (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-927-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

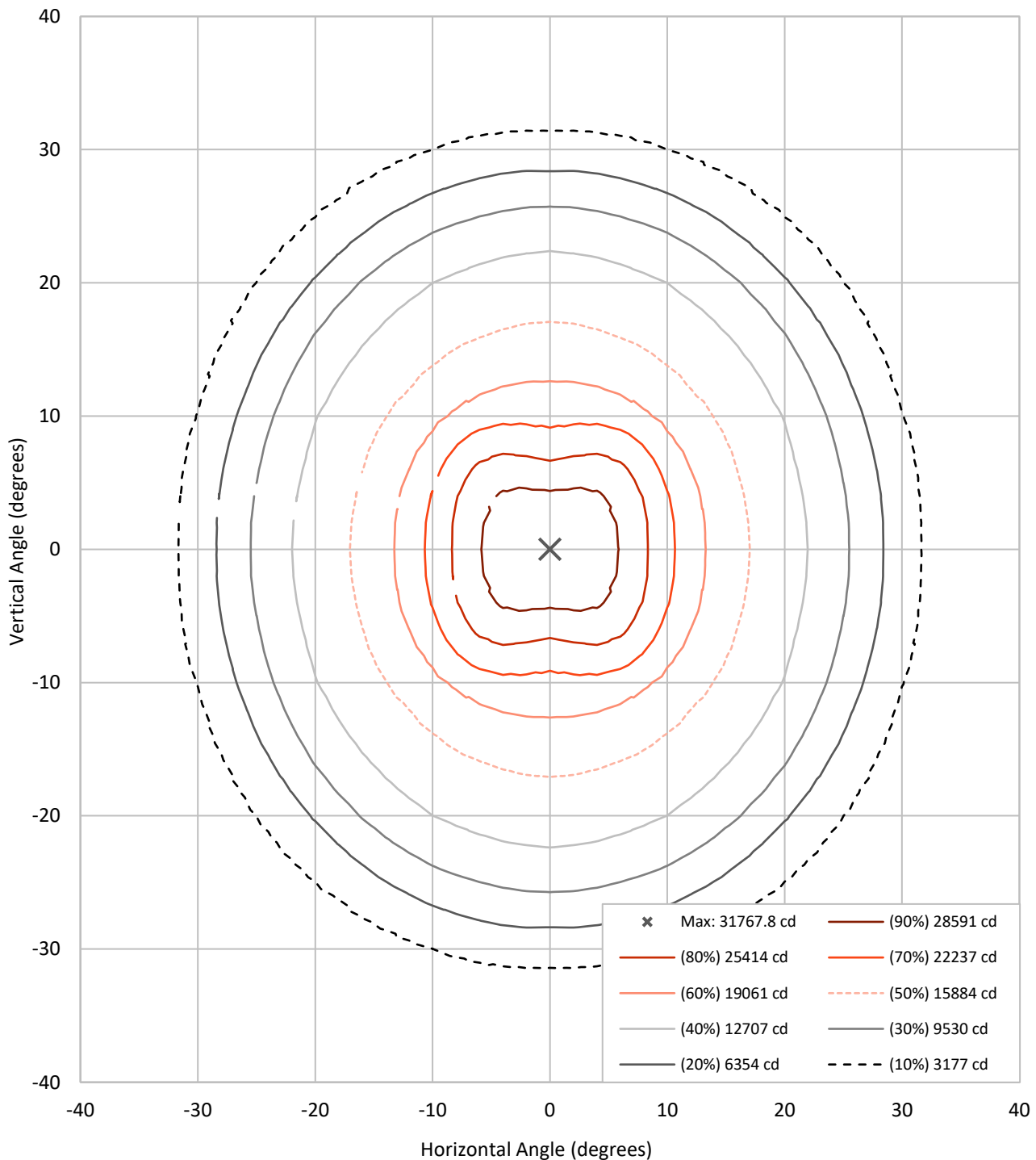
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	14053.2 lumens	Max Intensity:	31767.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	5985.8 lumens	Field Lumens:	12233.7 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





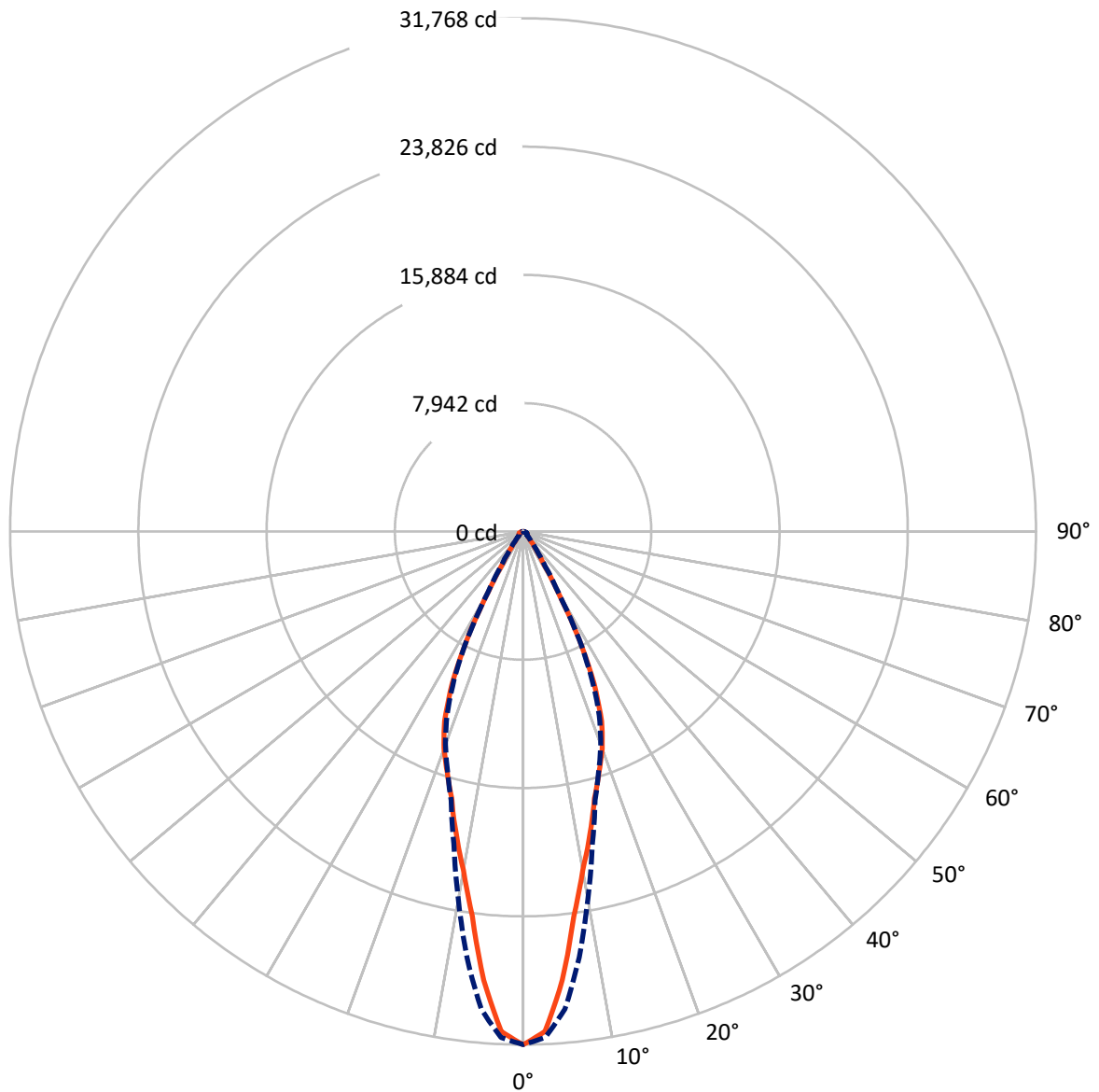
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Lumen Table

90	0.2		1.5		4.4		7.2		8.4		7.2		4.4		1.5		0.2
80	0.2		1.5		4.4		7.2		8.4		7.2		4.4		1.5		0.2
70	0.7	0.8	1.8	3.1	4.5	5.8	6.9	7.4	7.4	6.9	5.8	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	4.6	6.0	9.1	17.9	34.1	52.0	52.0	34.1	17.9	9.1	6.0	4.6	2.3		
30	1.8	2.7	4.8	6.7	16.5	54.7	172.0	283.1	283.1	172.0	54.7	16.5	6.7	4.8	2.7	1.8	
20		2.9	4.8	8.3	30.7	162.1	383.0	507.3	507.3	383.0	162.1	30.7	8.3	4.8	2.9		
10	2.0	3.1	4.8	9.6	46.7	255.3	498.1	786.0	786.0	498.1	255.3	46.7	9.6	4.8	3.1	2.0	
0		3.1	4.8	9.6	46.7	255.3	498.1	786.0	786.0	498.1	255.3	46.7	9.6	4.8	3.1		
-10	1.8	2.9	4.8	8.3	30.7	162.1	383.0	507.3	507.3	383.0	162.1	30.7	8.3	4.8	2.9	1.8	
-20		2.7	4.8	6.7	16.5	54.7	172.0	283.1	283.1	172.0	54.7	16.5	6.7	4.8	2.7		
-30	1.3	2.3	4.6	6.0	9.1	17.9	34.1	52.0	52.0	34.1	17.9	9.1	6.0	4.6	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	5.8	6.9	7.4	7.4	6.9	5.8	4.5	3.1	1.8	0.8		
-70	0.2		1.5		4.4		7.2		8.4		7.2		4.4		1.5		0.2
-80	0.2		1.5		4.4		7.2		8.4		7.2		4.4		1.5		0.2
-90	0.2		1.5		4.4		7.2		8.4		7.2		4.4		1.5		0.2

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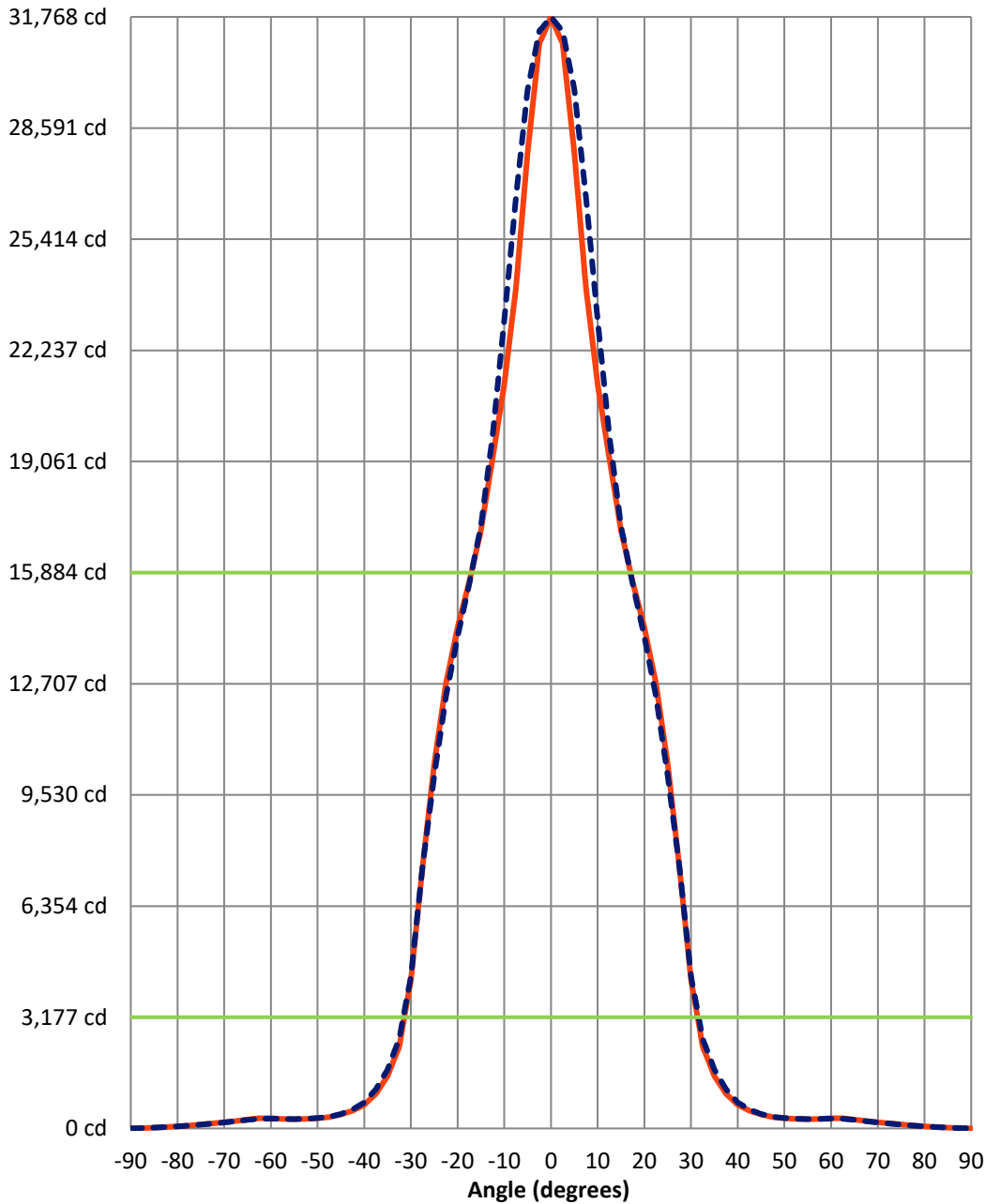
Luminous Intensity Polar Plot



— 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: 5985.8
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 12233.7
Efficiency: 87.1%

Spill:
Lumens: 1819.5
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	8.5	11.0	13.2	15.4	17.4
77.5°	0.0	1.8	3.5	5.2	7.0	9.2	12.3	15.3	18.0	20.6	23.3
75°	0.0	2.1	4.2	6.3	8.5	12.2	16.0	19.5	22.8	26.3	29.9
72.5°	0.0	2.4	4.9	7.3	10.9	15.2	19.7	23.8	27.9	32.1	36.4
70°	0.0	2.8	5.5	8.4	13.2	18.1	23.3	28.1	32.9	37.9	44.3
67.5°	0.0	3.1	6.2	10.1	15.5	21.0	26.9	32.4	37.9	45.1	52.3
65°	0.0	3.4	6.8	11.7	17.7	24.0	30.5	36.5	44.3	52.3	60.9
62.5°	0.0	3.7	7.5	13.3	19.9	27.1	34.0	41.6	50.5	59.7	70.7
60°	0.0	4.0	8.1	14.9	22.0	30.1	37.6	47.0	56.7	68.5	80.4
57.5°	0.0	4.4	9.1	16.4	24.4	33.1	42.0	52.2	63.9	77.0	90.3
55°	0.0	4.6	10.1	17.9	26.8	36.0	46.4	57.4	71.3	85.4	100.1
52.5°	0.0	4.9	11.1	19.3	29.1	39.0	50.8	63.6	78.6	93.8	109.5
50°	0.0	5.2	12.0	20.7	31.4	42.5	55.0	69.6	85.6	101.8	119.4
47.5°	0.0	5.5	12.9	22.1	33.6	45.8	59.1	75.4	92.3	109.5	129.2
45°	0.0	5.7	13.8	23.7	35.8	49.1	63.8	81.0	98.8	118.0	138.7
42.5°	0.0	6.0	14.7	25.3	37.9	52.2	68.3	86.3	105.0	126.4	148.6
40°	0.0	6.2	15.5	26.8	40.1	55.2	72.5	91.6	111.4	134.5	158.1
37.5°	0.0	6.4	16.3	28.2	42.3	58.0	76.5	96.6	118.2	142.2	167.2
35°	0.0	6.6	17.1	29.6	44.5	61.0	80.2	101.3	124.6	149.8	175.9
32.5°	0.0	6.8	17.8	30.8	46.5	63.9	83.8	105.9	130.6	157.0	184.2
30°	0.0	7.0	18.4	32.0	48.4	66.6	87.3	110.2	136.2	163.7	192.0
27.5°	0.0	7.2	19.1	33.0	50.0	69.1	90.7	114.8	141.5	169.9	199.3
25°	0.0	7.3	19.7	33.9	51.5	71.3	93.8	118.9	146.5	175.7	206.0
22.5°	0.0	7.5	20.2	34.8	52.8	73.3	96.6	122.6	151.1	181.2	212.7
20°	0.0	7.6	20.7	35.5	53.9	75.0	99.2	126.0	155.2	186.0	218.6
17.5°	0.0	7.7	21.2	36.1	55.0	76.5	101.4	128.9	158.8	190.3	223.9
15°	0.0	7.8	21.6	36.6	55.9	77.8	103.4	131.5	162.0	194.1	228.4
12.5°	0.0	7.9	21.9	37.0	56.6	78.9	105.1	133.7	164.6	197.2	232.2
10°	0.0	8.0	22.2	37.4	57.2	79.7	106.5	135.5	166.7	200.1	235.6
7.5°	0.0	8.0	22.5	37.6	57.6	80.3	107.6	137.0	168.2	202.5	239.0
5°	0.0	8.1	22.7	37.7	57.8	80.7	108.4	138.0	169.3	204.3	241.8
2.5°	0.0	8.1	22.8	37.7	57.9	80.9	108.9	138.6	169.8	205.6	243.9
0°	0.0	8.1	22.9	37.7	57.9	80.9	109.1	138.8	169.8	206.2	245.2
-2.5°	0.0	8.1	22.8	37.7	57.9	80.9	108.9	138.6	169.8	205.6	243.9
-5°	0.0	8.1	22.7	37.7	57.8	80.7	108.4	138.0	169.3	204.3	241.8
-7.5°	0.0	8.0	22.5	37.6	57.6	80.3	107.6	137.0	168.2	202.5	239.0
-10°	0.0	8.0	22.2	37.4	57.2	79.7	106.5	135.5	166.7	200.1	235.6
-12.5°	0.0	7.9	21.9	37.0	56.6	78.9	105.1	133.7	164.6	197.2	232.2
-15°	0.0	7.8	21.6	36.6	55.9	77.8	103.4	131.5	162.0	194.1	228.4
-17.5°	0.0	7.7	21.2	36.1	55.0	76.5	101.4	128.9	158.8	190.3	223.9
-20°	0.0	7.6	20.7	35.5	53.9	75.0	99.2	126.0	155.2	186.0	218.6



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.5	20.2	34.8	52.8	73.3	96.6	122.6	151.1	181.2	212.7
-25°	0.0	7.3	19.7	33.9	51.5	71.3	93.8	118.9	146.5	175.7	206.0
-27.5°	0.0	7.2	19.1	33.0	50.0	69.1	90.7	114.8	141.5	169.9	199.3
-30°	0.0	7.0	18.4	32.0	48.4	66.6	87.3	110.2	136.2	163.7	192.0
-32.5°	0.0	6.8	17.8	30.8	46.5	63.9	83.8	105.9	130.6	157.0	184.2
-35°	0.0	6.6	17.1	29.6	44.5	61.0	80.2	101.3	124.6	149.8	175.9
-37.5°	0.0	6.4	16.3	28.2	42.3	58.0	76.5	96.6	118.2	142.2	167.2
-40°	0.0	6.2	15.5	26.8	40.1	55.2	72.5	91.6	111.4	134.5	158.1
-42.5°	0.0	6.0	14.7	25.3	37.9	52.2	68.3	86.3	105.0	126.4	148.6
-45°	0.0	5.7	13.8	23.7	35.8	49.1	63.8	81.0	98.8	118.0	138.7
-47.5°	0.0	5.5	12.9	22.1	33.6	45.8	59.1	75.4	92.3	109.5	129.2
-50°	0.0	5.2	12.0	20.7	31.4	42.5	55.0	69.6	85.6	101.8	119.4
-52.5°	0.0	4.9	11.1	19.3	29.1	39.0	50.8	63.6	78.6	93.8	109.5
-55°	0.0	4.6	10.1	17.9	26.8	36.0	46.4	57.4	71.3	85.4	100.1
-57.5°	0.0	4.4	9.1	16.4	24.4	33.1	42.0	52.2	63.9	77.0	90.3
-60°	0.0	4.0	8.1	14.9	22.0	30.1	37.6	47.0	56.7	68.5	80.4
-62.5°	0.0	3.7	7.5	13.3	19.9	27.1	34.0	41.6	50.5	59.7	70.7
-65°	0.0	3.4	6.8	11.7	17.7	24.0	30.5	36.5	44.3	52.3	60.9
-67.5°	0.0	3.1	6.2	10.1	15.5	21.0	26.9	32.4	37.9	45.1	52.3
-70°	0.0	2.8	5.5	8.4	13.2	18.1	23.3	28.1	32.9	37.9	44.3
-72.5°	0.0	2.4	4.9	7.3	10.9	15.2	19.7	23.8	27.9	32.1	36.4
-75°	0.0	2.1	4.2	6.3	8.5	12.2	16.0	19.5	22.8	26.3	29.9
-77.5°	0.0	1.8	3.5	5.2	7.0	9.2	12.3	15.3	18.0	20.6	23.3
-80°	0.0	1.4	2.8	4.2	5.6	7.0	8.5	11.0	13.2	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	11.7	12.5	13.1	13.8	14.5	15.2
82.5°	13.3	14.8	16.3	17.8	18.9	20.0	21.0	22.5	24.1	25.8	27.3
80°	19.4	21.5	24.0	26.6	28.9	31.2	33.5	35.7	38.0	40.4	42.8
77.5°	26.4	29.7	33.1	36.4	39.7	43.5	47.3	51.0	54.3	57.3	60.1
75°	33.8	37.9	42.8	47.8	52.7	57.4	62.2	67.4	72.0	76.1	80.0
72.5°	41.8	47.7	53.7	59.7	66.4	72.8	79.1	85.1	90.6	95.8	100.9
70°	50.8	57.6	65.5	73.6	81.4	88.8	96.0	102.8	109.2	116.0	123.2
67.5°	59.9	69.3	78.5	87.6	96.7	105.1	113.0	121.8	130.4	138.9	147.1
65°	70.8	81.1	91.8	102.2	112.2	122.3	132.4	142.4	152.6	162.3	171.3
62.5°	81.6	93.6	105.4	116.9	128.7	140.2	152.1	163.9	175.1	186.9	198.2
60°	93.0	106.1	119.1	132.1	145.3	159.1	172.3	186.1	199.9	213.2	226.0
57.5°	104.4	118.6	132.7	147.4	162.9	178.1	193.7	209.1	225.0	240.1	253.3
55°	115.4	130.7	146.6	163.5	180.5	197.9	215.4	233.3	250.4	263.2	275.2
52.5°	126.5	143.0	161.2	179.6	198.4	218.0	238.3	255.6	269.9	280.8	283.4
50°	137.4	156.3	175.5	195.7	216.5	238.6	258.1	273.7	281.7	284.8	283.2
47.5°	148.9	169.2	189.9	211.6	234.9	256.0	274.3	282.3	286.1	282.0	276.8
45°	160.3	182.0	203.9	227.7	251.0	270.9	281.3	287.0	281.8	276.9	273.4
42.5°	171.2	194.5	218.5	243.0	264.6	278.8	285.3	282.0	277.6	273.8	275.1
40°	182.1	206.5	232.7	255.8	275.3	282.5	281.4	277.4	274.8	276.5	282.0
37.5°	192.6	219.1	245.9	268.2	278.8	281.7	276.9	274.3	276.2	282.6	294.7
35°	202.5	231.2	256.7	275.4	282.5	277.5	274.1	273.7	280.9	293.8	311.9
32.5°	212.5	242.7	266.8	278.6	279.7	274.3	271.7	277.8	289.2	306.3	336.6
30°	222.3	251.6	274.3	281.4	276.6	272.3	273.8	282.7	298.1	326.5	375.6
27.5°	231.2	259.6	276.7	280.1	273.8	270.3	277.0	290.3	312.8	350.7	420.7
25°	239.3	266.9	278.8	277.5	272.0	271.6	280.7	297.2	328.2	389.4	485.3
22.5°	246.0	273.5	280.8	275.1	270.2	273.8	286.4	309.4	350.9	425.9	552.8
20°	251.4	275.2	280.5	272.9	268.4	275.5	291.6	321.4	381.4	483.0	628.7
17.5°	256.4	276.7	278.6	271.4	269.4	278.3	297.0	332.1	408.5	532.1	701.7
15°	260.7	278.0	276.8	270.1	270.7	282.1	305.7	352.3	441.1	578.4	767.2
12.5°	264.5	279.1	275.1	269.0	271.7	285.3	313.2	370.7	473.2	628.7	872.3
10°	267.7	280.0	273.5	268.1	272.3	287.8	319.2	385.1	497.9	671.2	960.5
7.5°	270.6	280.7	272.2	267.4	272.7	289.6	323.8	395.8	515.6	705.4	1026.5
5°	272.8	281.2	271.5	267.1	273.6	291.7	327.2	402.7	526.3	730.3	1070.7
2.5°	274.2	281.5	271.0	266.9	275.0	294.4	330.1	408.6	535.9	742.7	1102.0
0°	274.9	281.6	270.9	266.8	276.2	296.5	331.5	411.0	540.4	742.5	1121.1
-2.5°	274.2	281.5	271.0	266.9	275.0	294.4	330.1	408.6	535.9	742.7	1102.0
-5°	272.8	281.2	271.5	267.1	273.6	291.7	327.2	402.7	526.3	730.3	1070.7
-7.5°	270.6	280.7	272.2	267.4	272.7	289.6	323.8	395.8	515.6	705.4	1026.5
-10°	267.7	280.0	273.5	268.1	272.3	287.8	319.2	385.1	497.9	671.2	960.5
-12.5°	264.5	279.1	275.1	269.0	271.7	285.3	313.2	370.7	473.2	628.7	872.3
-15°	260.7	278.0	276.8	270.1	270.7	282.1	305.7	352.3	441.1	578.4	767.2
-17.5°	256.4	276.7	278.6	271.4	269.4	278.3	297.0	332.1	408.5	532.1	701.7
-20°	251.4	275.2	280.5	272.9	268.4	275.5	291.6	321.4	381.4	483.0	628.7



REPORT NUMBER: P558812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-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°	246.0	273.5	280.8	275.1	270.2	273.8	286.4	309.4	350.9	425.9	552.8
-25°	239.3	266.9	278.8	277.5	272.0	271.6	280.7	297.2	328.2	389.4	485.3
-27.5°	231.2	259.6	276.7	280.1	273.8	270.3	277.0	290.3	312.8	350.7	420.7
-30°	222.3	251.6	274.3	281.4	276.6	272.3	273.8	282.7	298.1	326.5	375.6
-32.5°	212.5	242.7	266.8	278.6	279.7	274.3	271.7	277.8	289.2	306.3	336.6
-35°	202.5	231.2	256.7	275.4	282.5	277.5	274.1	273.7	280.9	293.8	311.9
-37.5°	192.6	219.1	245.9	268.2	278.8	281.7	276.9	274.3	276.2	282.6	294.7
-40°	182.1	206.5	232.7	255.8	275.3	282.5	281.4	277.4	274.8	276.5	282.0
-42.5°	171.2	194.5	218.5	243.0	264.6	278.8	285.3	282.0	277.6	273.8	275.1
-45°	160.3	182.0	203.9	227.7	251.0	270.9	281.3	287.0	281.8	276.9	273.4
-47.5°	148.9	169.2	189.9	211.6	234.9	256.0	274.3	282.3	286.1	282.0	276.8
-50°	137.4	156.3	175.5	195.7	216.5	238.6	258.1	273.7	281.7	284.8	283.2
-52.5°	126.5	143.0	161.2	179.6	198.4	218.0	238.3	255.6	269.9	280.8	283.4
-55°	115.4	130.7	146.6	163.5	180.5	197.9	215.4	233.3	250.4	263.2	275.2
-57.5°	104.4	118.6	132.7	147.4	162.9	178.1	193.7	209.1	225.0	240.1	253.3
-60°	93.0	106.1	119.1	132.1	145.3	159.1	172.3	186.1	199.9	213.2	226.0
-62.5°	81.6	93.6	105.4	116.9	128.7	140.2	152.1	163.9	175.1	186.9	198.2
-65°	70.8	81.1	91.8	102.2	112.2	122.3	132.4	142.4	152.6	162.3	171.3
-67.5°	59.9	69.3	78.5	87.6	96.7	105.1	113.0	121.8	130.4	138.9	147.1
-70°	50.8	57.6	65.5	73.6	81.4	88.8	96.0	102.8	109.2	116.0	123.2
-72.5°	41.8	47.7	53.7	59.7	66.4	72.8	79.1	85.1	90.6	95.8	100.9
-75°	33.8	37.9	42.8	47.8	52.7	57.4	62.2	67.4	72.0	76.1	80.0
-77.5°	26.4	29.7	33.1	36.4	39.7	43.5	47.3	51.0	54.3	57.3	60.1
-80°	19.4	21.5	24.0	26.6	28.9	31.2	33.5	35.7	38.0	40.4	42.8
-82.5°	13.3	14.8	16.3	17.8	18.9	20.0	21.0	22.5	24.1	25.8	27.3
-85°	7.5	8.1	9.1	10.1	11.0	11.7	12.5	13.1	13.8	14.5	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: P558812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-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	6.5	6.4	6.3	6.1	6.2	6.3	6.4	6.5	6.9	7.3
85°	15.8	16.5	17.3	18.0	18.8	19.3	19.8	20.2	20.6	20.9	21.2
82.5°	28.8	30.3	31.7	33.0	34.1	35.1	35.9	36.7	37.3	37.8	38.3
80°	44.9	46.9	48.7	50.3	51.7	52.9	53.9	54.7	55.3	56.7	58.0
77.5°	62.9	65.7	68.3	70.6	72.8	74.9	76.9	78.7	80.2	81.5	82.3
75°	83.7	87.2	90.8	94.1	97.1	100.1	103.1	105.8	108.3	109.9	111.1
72.5°	106.1	110.8	115.2	119.3	123.0	126.8	130.5	133.8	136.8	139.1	140.9
70°	130.0	136.2	141.3	146.0	150.6	155.3	159.9	163.9	167.3	170.1	172.4
67.5°	154.8	161.9	168.3	174.5	180.6	186.5	192.0	197.2	201.9	205.5	207.9
65°	180.2	189.3	197.7	205.3	212.2	218.7	225.7	232.0	237.8	242.5	246.1
62.5°	208.9	219.2	228.7	237.2	244.8	250.9	257.5	263.5	268.9	273.9	278.8
60°	238.2	249.7	258.1	265.3	271.9	277.8	280.1	282.2	284.0	285.7	287.6
57.5°	263.8	273.7	280.9	282.5	284.0	285.2	284.4	282.1	279.7	277.3	275.4
55°	281.7	284.5	287.7	285.2	281.2	277.6	274.3	272.1	270.0	268.1	266.5
52.5°	286.4	283.7	280.4	276.7	274.0	271.2	268.4	268.9	269.7	270.4	270.7
50°	279.4	276.2	274.5	272.4	272.8	274.2	275.3	277.9	281.3	283.6	285.6
47.5°	274.1	272.0	274.7	278.1	281.3	287.1	292.2	297.3	305.1	311.3	316.2
45°	272.6	277.7	283.0	291.3	298.7	311.4	323.4	333.4	352.0	369.1	382.5
42.5°	280.3	289.0	298.6	314.9	332.5	355.0	384.0	408.4	437.1	463.8	483.2
40°	293.0	305.9	327.5	353.7	394.7	431.2	479.2	520.2	558.7	599.5	630.2
37.5°	311.3	335.4	375.8	422.9	485.1	545.0	611.1	675.2	729.9	812.6	877.3
35°	338.5	387.3	444.6	523.2	604.6	696.3	792.9	917.3	1026.9	1155.5	1276.4
32.5°	387.9	454.0	543.8	650.2	758.4	916.6	1065.8	1268.0	1449.8	1676.6	1920.6
30°	445.8	544.5	665.2	804.1	999.9	1217.5	1462.8	1773.1	2141.7	2580.6	3169.6
27.5°	525.6	652.4	804.2	1029.4	1307.0	1598.6	2033.7	2555.2	3505.5	4333.7	5431.2
25°	611.6	766.4	1006.4	1309.0	1674.4	2199.6	3050.2	4135.2	5672.1	7141.8	8316.6
22.5°	710.7	936.8	1239.8	1616.3	2207.8	3224.6	4545.1	6456.0	8169.9	9652.1	10793.7
20°	820.3	1103.9	1511.2	2086.6	3093.8	4583.0	6702.9	8664.1	10414.6	11690.6	12699.1
17.5°	962.4	1332.8	1849.6	2643.7	4189.5	6484.2	8669.7	10608.1	12131.2	13252.3	14146.4
15°	1095.0	1543.6	2213.3	3568.2	5678.0	8130.5	10370.8	12100.0	13418.0	14461.2	15265.1
12.5°	1251.6	1780.3	2638.4	4366.8	7046.7	9488.8	11578.5	13193.2	14462.4	15440.3	16517.7
10°	1391.1	2035.0	3247.6	5431.1	8170.7	10556.3	12585.6	14036.7	15309.4	16583.7	18199.3
7.5°	1506.2	2248.8	3747.1	6329.1	9033.7	11345.9	13194.7	14644.6	16047.3	17749.2	20079.4
5°	1597.6	2410.0	4158.0	7007.0	9661.1	11909.5	13659.8	15129.4	16713.8	18990.5	22117.7
2.5°	1658.7	2515.6	4414.9	7416.6	10056.9	12232.7	14004.6	15446.6	17107.8	19685.5	22952.6
0°	1683.1	2564.3	4349.8	7490.9	10080.8	12337.9	14056.0	15565.2	17219.9	19801.8	23105.9
-2.5°	1658.7	2515.6	4414.9	7416.6	10056.9	12232.7	14004.6	15446.6	17107.8	19685.5	22952.6
-5°	1597.6	2410.0	4158.0	7007.0	9661.1	11909.5	13659.8	15129.4	16713.8	18990.5	22117.7
-7.5°	1506.2	2248.8	3747.1	6329.1	9033.7	11345.9	13194.7	14644.6	16047.3	17749.2	20079.4
-10°	1391.1	2035.0	3247.6	5431.1	8170.7	10556.3	12585.6	14036.7	15309.4	16583.7	18199.3
-12.5°	1251.6	1780.3	2638.4	4366.8	7046.7	9488.8	11578.5	13193.2	14462.4	15440.3	16517.7
-15°	1095.0	1543.6	2213.3	3568.2	5678.0	8130.5	10370.8	12100.0	13418.0	14461.2	15265.1
-17.5°	962.4	1332.8	1849.6	2643.7	4189.5	6484.2	8669.7	10608.1	12131.2	13252.3	14146.4
-20°	820.3	1103.9	1511.2	2086.6	3093.8	4583.0	6702.9	8664.1	10414.6	11690.6	12699.1



REPORT NUMBER: P558812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	710.7	936.8	1239.8	1616.3	2207.8	3224.6	4545.1	6456.0	8169.9	9652.1	10793.7
-25°	611.6	766.4	1006.4	1309.0	1674.4	2199.6	3050.2	4135.2	5672.1	7141.8	8316.6
-27.5°	525.6	652.4	804.2	1029.4	1307.0	1598.6	2033.7	2555.2	3505.5	4333.7	5431.2
-30°	445.8	544.5	665.2	804.1	999.9	1217.5	1462.8	1773.1	2141.7	2580.6	3169.6
-32.5°	387.9	454.0	543.8	650.2	758.4	916.6	1065.8	1268.0	1449.8	1676.6	1920.6
-35°	338.5	387.3	444.6	523.2	604.6	696.3	792.9	917.3	1026.9	1155.5	1276.4
-37.5°	311.3	335.4	375.8	422.9	485.1	545.0	611.1	675.2	729.9	812.6	877.3
-40°	293.0	305.9	327.5	353.7	394.7	431.2	479.2	520.2	558.7	599.5	630.2
-42.5°	280.3	289.0	298.6	314.9	332.5	355.0	384.0	408.4	437.1	463.8	483.2
-45°	272.6	277.7	283.0	291.3	298.7	311.4	323.4	333.4	352.0	369.1	382.5
-47.5°	274.1	272.0	274.7	278.1	281.3	287.1	292.2	297.3	305.1	311.3	316.2
-50°	279.4	276.2	274.5	272.4	272.8	274.2	275.3	277.9	281.3	283.6	285.6
-52.5°	286.4	283.7	280.4	276.7	274.0	271.2	268.4	268.9	269.7	270.4	270.7
-55°	281.7	284.5	287.7	285.2	281.2	277.6	274.3	272.1	270.0	268.1	266.5
-57.5°	263.8	273.7	280.9	282.5	284.0	285.2	284.4	282.1	279.7	277.3	275.4
-60°	238.2	249.7	258.1	265.3	271.9	277.8	280.1	282.2	284.0	285.7	287.6
-62.5°	208.9	219.2	228.7	237.2	244.8	250.9	257.5	263.5	268.9	273.9	278.8
-65°	180.2	189.3	197.7	205.3	212.2	218.7	225.7	232.0	237.8	242.5	246.1
-67.5°	154.8	161.9	168.3	174.5	180.6	186.5	192.0	197.2	201.9	205.5	207.9
-70°	130.0	136.2	141.3	146.0	150.6	155.3	159.9	163.9	167.3	170.1	172.4
-72.5°	106.1	110.8	115.2	119.3	123.0	126.8	130.5	133.8	136.8	139.1	140.9
-75°	83.7	87.2	90.8	94.1	97.1	100.1	103.1	105.8	108.3	109.9	111.1
-77.5°	62.9	65.7	68.3	70.6	72.8	74.9	76.9	78.7	80.2	81.5	82.3
-80°	44.9	46.9	48.7	50.3	51.7	52.9	53.9	54.7	55.3	56.7	58.0
-82.5°	28.8	30.3	31.7	33.0	34.1	35.1	35.9	36.7	37.3	37.8	38.3
-85°	15.8	16.5	17.3	18.0	18.8	19.3	19.8	20.2	20.6	20.9	21.2
-87.5°	6.6	6.5	6.4	6.3	6.1	6.2	6.3	6.4	6.5	6.9	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: P558812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-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	6.9	6.5	6.4
85°	21.4	21.5	22.2	22.9	22.2	21.5	21.4	21.2	20.9	20.6	20.2
82.5°	38.6	38.9	39.1	39.1	39.1	38.9	38.6	38.3	37.8	37.3	36.7
80°	59.2	60.2	59.9	59.3	59.9	60.2	59.2	58.0	56.7	55.3	54.7
77.5°	82.8	83.1	82.8	82.2	82.8	83.1	82.8	82.3	81.5	80.2	78.7
75°	112.0	112.5	113.0	113.2	113.0	112.5	112.0	111.1	109.9	108.3	105.8
72.5°	142.3	143.3	143.3	142.8	143.3	143.3	142.3	140.9	139.1	136.8	133.8
70°	174.2	175.5	176.2	176.5	176.2	175.5	174.2	172.4	170.1	167.3	163.9
67.5°	209.5	210.4	211.3	211.6	211.3	210.4	209.5	207.9	205.5	201.9	197.2
65°	249.2	251.5	252.3	252.0	252.3	251.5	249.2	246.1	242.5	237.8	232.0
62.5°	283.4	287.6	289.3	289.7	289.3	287.6	283.4	278.8	273.9	268.9	263.5
60°	289.3	290.7	291.1	291.1	291.1	290.7	289.3	287.6	285.7	284.0	282.2
57.5°	273.7	272.1	271.2	270.9	271.2	272.1	273.7	275.4	277.3	279.7	282.1
55°	264.9	263.6	262.9	262.8	262.9	263.6	264.9	266.5	268.1	270.0	272.1
52.5°	270.8	270.7	271.2	272.2	271.2	270.7	270.8	270.7	270.4	269.7	268.9
50°	287.4	288.6	289.8	291.1	289.8	288.6	287.4	285.6	283.6	281.3	277.9
47.5°	319.8	321.6	322.7	323.4	322.7	321.6	319.8	316.2	311.3	305.1	297.3
45°	391.2	395.9	398.2	398.9	398.2	395.9	391.2	382.5	369.1	352.0	333.4
42.5°	496.0	503.1	506.1	506.7	506.1	503.1	496.0	483.2	463.8	437.1	408.4
40°	652.2	664.7	670.8	675.1	670.8	664.7	652.2	630.2	599.5	558.7	520.2
37.5°	925.7	957.2	975.0	990.4	975.0	957.2	925.7	877.3	812.6	729.9	675.2
35°	1374.8	1446.8	1489.2	1498.4	1489.2	1446.8	1374.8	1276.4	1155.5	1026.9	917.3
32.5°	2108.3	2249.6	2334.1	2344.7	2334.1	2249.6	2108.3	1920.6	1676.6	1449.8	1268.0
30°	3626.8	4022.8	4294.1	4256.8	4294.1	4022.8	3626.8	3169.6	2580.6	2141.7	1773.1
27.5°	6330.4	7048.4	7514.8	7476.0	7514.8	7048.4	6330.4	5431.2	4333.7	3505.5	2555.2
25°	9219.9	9880.8	10270.9	10415.0	10270.9	9880.8	9219.9	8316.6	7141.8	5672.1	4135.2
22.5°	11579.5	12170.3	12507.8	12709.8	12507.8	12170.3	11579.5	10793.7	9652.1	8169.9	6456.0
20°	13387.3	13899.8	14190.1	14314.7	14190.1	13899.8	13387.3	12699.1	11690.6	10414.6	8664.1
17.5°	14778.2	15207.1	15535.8	15620.4	15535.8	15207.1	14778.2	14146.4	13252.3	12131.2	10608.1
15°	16008.5	16562.6	16950.1	17094.6	16950.1	16562.6	16008.5	15265.1	14461.2	13418.0	12100.0
12.5°	17559.8	18523.3	19035.5	19153.6	19035.5	18523.3	17559.8	16517.7	15440.3	14462.4	13193.2
10°	19852.8	21333.8	21501.6	21271.9	21501.6	21333.8	19852.8	18199.3	16583.7	15309.4	14036.7
7.5°	23192.3	25167.1	24740.1	24029.0	24740.1	25167.1	23192.3	20079.4	17749.2	16047.3	14644.6
5°	25582.1	28323.9	28409.1	27886.9	28409.1	28323.9	25582.1	22117.7	18990.5	16713.8	15129.4
2.5°	26533.5	29356.0	30760.7	30991.0	30760.7	29356.0	26533.5	22952.6	19685.5	17107.8	15446.6
0°	26604.8	29688.5	31354.0	31767.8	31354.0	29688.5	26604.8	23105.9	19801.8	17219.9	15565.2
-2.5°	26533.5	29356.0	30760.7	30991.0	30760.7	29356.0	26533.5	22952.6	19685.5	17107.8	15446.6
-5°	25582.1	28323.9	28409.1	27886.9	28409.1	28323.9	25582.1	22117.7	18990.5	16713.8	15129.4
-7.5°	23192.3	25167.1	24740.1	24029.0	24740.1	25167.1	23192.3	20079.4	17749.2	16047.3	14644.6
-10°	19852.8	21333.8	21501.6	21271.9	21501.6	21333.8	19852.8	18199.3	16583.7	15309.4	14036.7
-12.5°	17559.8	18523.3	19035.5	19153.6	19035.5	18523.3	17559.8	16517.7	15440.3	14462.4	13193.2
-15°	16008.5	16562.6	16950.1	17094.6	16950.1	16562.6	16008.5	15265.1	14461.2	13418.0	12100.0
-17.5°	14778.2	15207.1	15535.8	15620.4	15535.8	15207.1	14778.2	14146.4	13252.3	12131.2	10608.1
-20°	13387.3	13899.8	14190.1	14314.7	14190.1	13899.8	13387.3	12699.1	11690.6	10414.6	8664.1



REPORT NUMBER: P558812 (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°	11579.5	12170.3	12507.8	12709.8	12507.8	12170.3	11579.5	10793.7	9652.1	8169.9	6456.0
-25°	9219.9	9880.8	10270.9	10415.0	10270.9	9880.8	9219.9	8316.6	7141.8	5672.1	4135.2
-27.5°	6330.4	7048.4	7514.8	7476.0	7514.8	7048.4	6330.4	5431.2	4333.7	3505.5	2555.2
-30°	3626.8	4022.8	4294.1	4256.8	4294.1	4022.8	3626.8	3169.6	2580.6	2141.7	1773.1
-32.5°	2108.3	2249.6	2334.1	2344.7	2334.1	2249.6	2108.3	1920.6	1676.6	1449.8	1268.0
-35°	1374.8	1446.8	1489.2	1498.4	1489.2	1446.8	1374.8	1276.4	1155.5	1026.9	917.3
-37.5°	925.7	957.2	975.0	990.4	975.0	957.2	925.7	877.3	812.6	729.9	675.2
-40°	652.2	664.7	670.8	675.1	670.8	664.7	652.2	630.2	599.5	558.7	520.2
-42.5°	496.0	503.1	506.1	506.7	506.1	503.1	496.0	483.2	463.8	437.1	408.4
-45°	391.2	395.9	398.2	398.9	398.2	395.9	391.2	382.5	369.1	352.0	333.4
-47.5°	319.8	321.6	322.7	323.4	322.7	321.6	319.8	316.2	311.3	305.1	297.3
-50°	287.4	288.6	289.8	291.1	289.8	288.6	287.4	285.6	283.6	281.3	277.9
-52.5°	270.8	270.7	271.2	272.2	271.2	270.7	270.8	270.7	270.4	269.7	268.9
-55°	264.9	263.6	262.9	262.8	262.9	263.6	264.9	266.5	268.1	270.0	272.1
-57.5°	273.7	272.1	271.2	270.9	271.2	272.1	273.7	275.4	277.3	279.7	282.1
-60°	289.3	290.7	291.1	291.1	291.1	290.7	289.3	287.6	285.7	284.0	282.2
-62.5°	283.4	287.6	289.3	289.7	289.3	287.6	283.4	278.8	273.9	268.9	263.5
-65°	249.2	251.5	252.3	252.0	252.3	251.5	249.2	246.1	242.5	237.8	232.0
-67.5°	209.5	210.4	211.3	211.6	211.3	210.4	209.5	207.9	205.5	201.9	197.2
-70°	174.2	175.5	176.2	176.5	176.2	175.5	174.2	172.4	170.1	167.3	163.9
-72.5°	142.3	143.3	143.3	142.8	143.3	143.3	142.3	140.9	139.1	136.8	133.8
-75°	112.0	112.5	113.0	113.2	113.0	112.5	112.0	111.1	109.9	108.3	105.8
-77.5°	82.8	83.1	82.8	82.2	82.8	83.1	82.8	82.3	81.5	80.2	78.7
-80°	59.2	60.2	59.9	59.3	59.9	60.2	59.2	58.0	56.7	55.3	54.7
-82.5°	38.6	38.9	39.1	39.1	39.1	38.9	38.6	38.3	37.8	37.3	36.7
-85°	21.4	21.5	22.2	22.9	22.2	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	6.9	6.5	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: P558812 (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°	6.3	6.2	6.1	6.3	6.4	6.5	6.6	6.4	6.2	6.0	5.7
85°	19.8	19.3	18.8	18.0	17.3	16.5	15.8	15.2	14.5	13.8	13.1
82.5°	35.9	35.1	34.1	33.0	31.7	30.3	28.8	27.3	25.8	24.1	22.5
80°	53.9	52.9	51.7	50.3	48.7	46.9	44.9	42.8	40.4	38.0	35.7
77.5°	76.9	74.9	72.8	70.6	68.3	65.7	62.9	60.1	57.3	54.3	51.0
75°	103.1	100.1	97.1	94.1	90.8	87.2	83.7	80.0	76.1	72.0	67.4
72.5°	130.5	126.8	123.0	119.3	115.2	110.8	106.1	100.9	95.8	90.6	85.1
70°	159.9	155.3	150.6	146.0	141.3	136.2	130.0	123.2	116.0	109.2	102.8
67.5°	192.0	186.5	180.6	174.5	168.3	161.9	154.8	147.1	138.9	130.4	121.8
65°	225.7	218.7	212.2	205.3	197.7	189.3	180.2	171.3	162.3	152.6	142.4
62.5°	257.5	250.9	244.8	237.2	228.7	219.2	208.9	198.2	186.9	175.1	163.9
60°	280.1	277.8	271.9	265.3	258.1	249.7	238.2	226.0	213.2	199.9	186.1
57.5°	284.4	285.2	284.0	282.5	280.9	273.7	263.8	253.3	240.1	225.0	209.1
55°	274.3	277.6	281.2	285.2	287.7	284.5	281.7	275.2	263.2	250.4	233.3
52.5°	268.4	271.2	274.0	276.7	280.4	283.7	286.4	283.4	280.8	269.9	255.6
50°	275.3	274.2	272.8	272.4	274.5	276.2	279.4	283.2	284.8	281.7	273.7
47.5°	292.2	287.1	281.3	278.1	274.7	272.0	274.1	276.8	282.0	286.1	282.3
45°	323.4	311.4	298.7	291.3	283.0	277.7	272.6	273.4	276.9	281.8	287.0
42.5°	384.0	355.0	332.5	314.9	298.6	289.0	280.3	275.1	273.8	277.6	282.0
40°	479.2	431.2	394.7	353.7	327.5	305.9	293.0	282.0	276.5	274.8	277.4
37.5°	611.1	545.0	485.1	422.9	375.8	335.4	311.3	294.7	282.6	276.2	274.3
35°	792.9	696.3	604.6	523.2	444.6	387.3	338.5	311.9	293.8	280.9	273.7
32.5°	1065.8	916.6	758.4	650.2	543.8	454.0	387.9	336.6	306.3	289.2	277.8
30°	1462.8	1217.5	999.9	804.1	665.2	544.5	445.8	375.6	326.5	298.1	282.7
27.5°	2033.7	1598.6	1307.0	1029.4	804.2	652.4	525.6	420.7	350.7	312.8	290.3
25°	3050.2	2199.6	1674.4	1309.0	1006.4	766.4	611.6	485.3	389.4	328.2	297.2
22.5°	4545.1	3224.6	2207.8	1616.3	1239.8	936.8	710.7	552.8	425.9	350.9	309.4
20°	6702.9	4583.0	3093.8	2086.6	1511.2	1103.9	820.3	628.7	483.0	381.4	321.4
17.5°	8669.7	6484.2	4189.5	2643.7	1849.6	1332.8	962.4	701.7	532.1	408.5	332.1
15°	10370.8	8130.5	5678.0	3568.2	2213.3	1543.6	1095.0	767.2	578.4	441.1	352.3
12.5°	11578.5	9488.8	7046.7	4366.8	2638.4	1780.3	1251.6	872.3	628.7	473.2	370.7
10°	12585.6	10556.3	8170.7	5431.1	3247.6	2035.0	1391.1	960.5	671.2	497.9	385.1
7.5°	13194.7	11345.9	9033.7	6329.1	3747.1	2248.8	1506.2	1026.5	705.4	515.6	395.8
5°	13659.8	11909.5	9661.1	7007.0	4158.0	2410.0	1597.6	1070.7	730.3	526.3	402.7
2.5°	14004.6	12232.7	10056.9	7416.6	4414.9	2515.6	1658.7	1102.0	742.7	535.9	408.6
0°	14056.0	12337.9	10080.8	7490.9	4349.8	2564.3	1683.1	1121.1	742.5	540.4	411.0
-2.5°	14004.6	12232.7	10056.9	7416.6	4414.9	2515.6	1658.7	1102.0	742.7	535.9	408.6
-5°	13659.8	11909.5	9661.1	7007.0	4158.0	2410.0	1597.6	1070.7	730.3	526.3	402.7
-7.5°	13194.7	11345.9	9033.7	6329.1	3747.1	2248.8	1506.2	1026.5	705.4	515.6	395.8
-10°	12585.6	10556.3	8170.7	5431.1	3247.6	2035.0	1391.1	960.5	671.2	497.9	385.1
-12.5°	11578.5	9488.8	7046.7	4366.8	2638.4	1780.3	1251.6	872.3	628.7	473.2	370.7
-15°	10370.8	8130.5	5678.0	3568.2	2213.3	1543.6	1095.0	767.2	578.4	441.1	352.3
-17.5°	8669.7	6484.2	4189.5	2643.7	1849.6	1332.8	962.4	701.7	532.1	408.5	332.1
-20°	6702.9	4583.0	3093.8	2086.6	1511.2	1103.9	820.3	628.7	483.0	381.4	321.4



REPORT NUMBER: P558812 (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°	4545.1	3224.6	2207.8	1616.3	1239.8	936.8	710.7	552.8	425.9	350.9	309.4
-25°	3050.2	2199.6	1674.4	1309.0	1006.4	766.4	611.6	485.3	389.4	328.2	297.2
-27.5°	2033.7	1598.6	1307.0	1029.4	804.2	652.4	525.6	420.7	350.7	312.8	290.3
-30°	1462.8	1217.5	999.9	804.1	665.2	544.5	445.8	375.6	326.5	298.1	282.7
-32.5°	1065.8	916.6	758.4	650.2	543.8	454.0	387.9	336.6	306.3	289.2	277.8
-35°	792.9	696.3	604.6	523.2	444.6	387.3	338.5	311.9	293.8	280.9	273.7
-37.5°	611.1	545.0	485.1	422.9	375.8	335.4	311.3	294.7	282.6	276.2	274.3
-40°	479.2	431.2	394.7	353.7	327.5	305.9	293.0	282.0	276.5	274.8	277.4
-42.5°	384.0	355.0	332.5	314.9	298.6	289.0	280.3	275.1	273.8	277.6	282.0
-45°	323.4	311.4	298.7	291.3	283.0	277.7	272.6	273.4	276.9	281.8	287.0
-47.5°	292.2	287.1	281.3	278.1	274.7	272.0	274.1	276.8	282.0	286.1	282.3
-50°	275.3	274.2	272.8	272.4	274.5	276.2	279.4	283.2	284.8	281.7	273.7
-52.5°	268.4	271.2	274.0	276.7	280.4	283.7	286.4	283.4	280.8	269.9	255.6
-55°	274.3	277.6	281.2	285.2	287.7	284.5	281.7	275.2	263.2	250.4	233.3
-57.5°	284.4	285.2	284.0	282.5	280.9	273.7	263.8	253.3	240.1	225.0	209.1
-60°	280.1	277.8	271.9	265.3	258.1	249.7	238.2	226.0	213.2	199.9	186.1
-62.5°	257.5	250.9	244.8	237.2	228.7	219.2	208.9	198.2	186.9	175.1	163.9
-65°	225.7	218.7	212.2	205.3	197.7	189.3	180.2	171.3	162.3	152.6	142.4
-67.5°	192.0	186.5	180.6	174.5	168.3	161.9	154.8	147.1	138.9	130.4	121.8
-70°	159.9	155.3	150.6	146.0	141.3	136.2	130.0	123.2	116.0	109.2	102.8
-72.5°	130.5	126.8	123.0	119.3	115.2	110.8	106.1	100.9	95.8	90.6	85.1
-75°	103.1	100.1	97.1	94.1	90.8	87.2	83.7	80.0	76.1	72.0	67.4
-77.5°	76.9	74.9	72.8	70.6	68.3	65.7	62.9	60.1	57.3	54.3	51.0
-80°	53.9	52.9	51.7	50.3	48.7	46.9	44.9	42.8	40.4	38.0	35.7
-82.5°	35.9	35.1	34.1	33.0	31.7	30.3	28.8	27.3	25.8	24.1	22.5
-85°	19.8	19.3	18.8	18.0	17.3	16.5	15.8	15.2	14.5	13.8	13.1
-87.5°	6.3	6.2	6.1	6.3	6.4	6.5	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: P558812 (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	11.7	11.0	10.1	9.1	8.1	7.5	6.8	6.2	5.5	4.9
82.5°	21.0	20.0	18.9	17.8	16.3	14.8	13.3	11.7	10.1	8.4	7.3
80°	33.5	31.2	28.9	26.6	24.0	21.5	19.4	17.4	15.4	13.2	11.0
77.5°	47.3	43.5	39.7	36.4	33.1	29.7	26.4	23.3	20.6	18.0	15.3
75°	62.2	57.4	52.7	47.8	42.8	37.9	33.8	29.9	26.3	22.8	19.5
72.5°	79.1	72.8	66.4	59.7	53.7	47.7	41.8	36.4	32.1	27.9	23.8
70°	96.0	88.8	81.4	73.6	65.5	57.6	50.8	44.3	37.9	32.9	28.1
67.5°	113.0	105.1	96.7	87.6	78.5	69.3	59.9	52.3	45.1	37.9	32.4
65°	132.4	122.3	112.2	102.2	91.8	81.1	70.8	60.9	52.3	44.3	36.5
62.5°	152.1	140.2	128.7	116.9	105.4	93.6	81.6	70.7	59.7	50.5	41.6
60°	172.3	159.1	145.3	132.1	119.1	106.1	93.0	80.4	68.5	56.7	47.0
57.5°	193.7	178.1	162.9	147.4	132.7	118.6	104.4	90.3	77.0	63.9	52.2
55°	215.4	197.9	180.5	163.5	146.6	130.7	115.4	100.1	85.4	71.3	57.4
52.5°	238.3	218.0	198.4	179.6	161.2	143.0	126.5	109.5	93.8	78.6	63.6
50°	258.1	238.6	216.5	195.7	175.5	156.3	137.4	119.4	101.8	85.6	69.6
47.5°	274.3	256.0	234.9	211.6	189.9	169.2	148.9	129.2	109.5	92.3	75.4
45°	281.3	270.9	251.0	227.7	203.9	182.0	160.3	138.7	118.0	98.8	81.0
42.5°	285.3	278.8	264.6	243.0	218.5	194.5	171.2	148.6	126.4	105.0	86.3
40°	281.4	282.5	275.3	255.8	232.7	206.5	182.1	158.1	134.5	111.4	91.6
37.5°	276.9	281.7	278.8	268.2	245.9	219.1	192.6	167.2	142.2	118.2	96.6
35°	274.1	277.5	282.5	275.4	256.7	231.2	202.5	175.9	149.8	124.6	101.3
32.5°	271.7	274.3	279.7	278.6	266.8	242.7	212.5	184.2	157.0	130.6	105.9
30°	273.8	272.3	276.6	281.4	274.3	251.6	222.3	192.0	163.7	136.2	110.2
27.5°	277.0	270.3	273.8	280.1	276.7	259.6	231.2	199.3	169.9	141.5	114.8
25°	280.7	271.6	272.0	277.5	278.8	266.9	239.3	206.0	175.7	146.5	118.9
22.5°	286.4	273.8	270.2	275.1	280.8	273.5	246.0	212.7	181.2	151.1	122.6
20°	291.6	275.5	268.4	272.9	280.5	275.2	251.4	218.6	186.0	155.2	126.0
17.5°	297.0	278.3	269.4	271.4	278.6	276.7	256.4	223.9	190.3	158.8	128.9
15°	305.7	282.1	270.7	270.1	276.8	278.0	260.7	228.4	194.1	162.0	131.5
12.5°	313.2	285.3	271.7	269.0	275.1	279.1	264.5	232.2	197.2	164.6	133.7
10°	319.2	287.8	272.3	268.1	273.5	280.0	267.7	235.6	200.1	166.7	135.5
7.5°	323.8	289.6	272.7	267.4	272.2	280.7	270.6	239.0	202.5	168.2	137.0
5°	327.2	291.7	273.6	267.1	271.5	281.2	272.8	241.8	204.3	169.3	138.0
2.5°	330.1	294.4	275.0	266.9	271.0	281.5	274.2	243.9	205.6	169.8	138.6
0°	331.5	296.5	276.2	266.8	270.9	281.6	274.9	245.2	206.2	169.8	138.8
-2.5°	330.1	294.4	275.0	266.9	271.0	281.5	274.2	243.9	205.6	169.8	138.6
-5°	327.2	291.7	273.6	267.1	271.5	281.2	272.8	241.8	204.3	169.3	138.0
-7.5°	323.8	289.6	272.7	267.4	272.2	280.7	270.6	239.0	202.5	168.2	137.0
-10°	319.2	287.8	272.3	268.1	273.5	280.0	267.7	235.6	200.1	166.7	135.5
-12.5°	313.2	285.3	271.7	269.0	275.1	279.1	264.5	232.2	197.2	164.6	133.7
-15°	305.7	282.1	270.7	270.1	276.8	278.0	260.7	228.4	194.1	162.0	131.5
-17.5°	297.0	278.3	269.4	271.4	278.6	276.7	256.4	223.9	190.3	158.8	128.9
-20°	291.6	275.5	268.4	272.9	280.5	275.2	251.4	218.6	186.0	155.2	126.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	286.4	273.8	270.2	275.1	280.8	273.5	246.0	212.7	181.2	151.1	122.6
-25°	280.7	271.6	272.0	277.5	278.8	266.9	239.3	206.0	175.7	146.5	118.9
-27.5°	277.0	270.3	273.8	280.1	276.7	259.6	231.2	199.3	169.9	141.5	114.8
-30°	273.8	272.3	276.6	281.4	274.3	251.6	222.3	192.0	163.7	136.2	110.2
-32.5°	271.7	274.3	279.7	278.6	266.8	242.7	212.5	184.2	157.0	130.6	105.9
-35°	274.1	277.5	282.5	275.4	256.7	231.2	202.5	175.9	149.8	124.6	101.3
-37.5°	276.9	281.7	278.8	268.2	245.9	219.1	192.6	167.2	142.2	118.2	96.6
-40°	281.4	282.5	275.3	255.8	232.7	206.5	182.1	158.1	134.5	111.4	91.6
-42.5°	285.3	278.8	264.6	243.0	218.5	194.5	171.2	148.6	126.4	105.0	86.3
-45°	281.3	270.9	251.0	227.7	203.9	182.0	160.3	138.7	118.0	98.8	81.0
-47.5°	274.3	256.0	234.9	211.6	189.9	169.2	148.9	129.2	109.5	92.3	75.4
-50°	258.1	238.6	216.5	195.7	175.5	156.3	137.4	119.4	101.8	85.6	69.6
-52.5°	238.3	218.0	198.4	179.6	161.2	143.0	126.5	109.5	93.8	78.6	63.6
-55°	215.4	197.9	180.5	163.5	146.6	130.7	115.4	100.1	85.4	71.3	57.4
-57.5°	193.7	178.1	162.9	147.4	132.7	118.6	104.4	90.3	77.0	63.9	52.2
-60°	172.3	159.1	145.3	132.1	119.1	106.1	93.0	80.4	68.5	56.7	47.0
-62.5°	152.1	140.2	128.7	116.9	105.4	93.6	81.6	70.7	59.7	50.5	41.6
-65°	132.4	122.3	112.2	102.2	91.8	81.1	70.8	60.9	52.3	44.3	36.5
-67.5°	113.0	105.1	96.7	87.6	78.5	69.3	59.9	52.3	45.1	37.9	32.4
-70°	96.0	88.8	81.4	73.6	65.5	57.6	50.8	44.3	37.9	32.9	28.1
-72.5°	79.1	72.8	66.4	59.7	53.7	47.7	41.8	36.4	32.1	27.9	23.8
-75°	62.2	57.4	52.7	47.8	42.8	37.9	33.8	29.9	26.3	22.8	19.5
-77.5°	47.3	43.5	39.7	36.4	33.1	29.7	26.4	23.3	20.6	18.0	15.3
-80°	33.5	31.2	28.9	26.6	24.0	21.5	19.4	17.4	15.4	13.2	11.0
-82.5°	21.0	20.0	18.9	17.8	16.3	14.8	13.3	11.7	10.1	8.4	7.3
-85°	12.5	11.7	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°	8.5	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°	16.0	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°	23.3	18.1	13.2	8.4	5.5	2.8	0.0
67.5°	26.9	21.0	15.5	10.1	6.2	3.1	0.0
65°	30.5	24.0	17.7	11.7	6.8	3.4	0.0
62.5°	34.0	27.1	19.9	13.3	7.5	3.7	0.0
60°	37.6	30.1	22.0	14.9	8.1	4.0	0.0
57.5°	42.0	33.1	24.4	16.4	9.1	4.4	0.0
55°	46.4	36.0	26.8	17.9	10.1	4.6	0.0
52.5°	50.8	39.0	29.1	19.3	11.1	4.9	0.0
50°	55.0	42.5	31.4	20.7	12.0	5.2	0.0
47.5°	59.1	45.8	33.6	22.1	12.9	5.5	0.0
45°	63.8	49.1	35.8	23.7	13.8	5.7	0.0
42.5°	68.3	52.2	37.9	25.3	14.7	6.0	0.0
40°	72.5	55.2	40.1	26.8	15.5	6.2	0.0
37.5°	76.5	58.0	42.3	28.2	16.3	6.4	0.0
35°	80.2	61.0	44.5	29.6	17.1	6.6	0.0
32.5°	83.8	63.9	46.5	30.8	17.8	6.8	0.0
30°	87.3	66.6	48.4	32.0	18.4	7.0	0.0
27.5°	90.7	69.1	50.0	33.0	19.1	7.2	0.0
25°	93.8	71.3	51.5	33.9	19.7	7.3	0.0
22.5°	96.6	73.3	52.8	34.8	20.2	7.5	0.0
20°	99.2	75.0	53.9	35.5	20.7	7.6	0.0
17.5°	101.4	76.5	55.0	36.1	21.2	7.7	0.0
15°	103.4	77.8	55.9	36.6	21.6	7.8	0.0
12.5°	105.1	78.9	56.6	37.0	21.9	7.9	0.0
10°	106.5	79.7	57.2	37.4	22.2	8.0	0.0
7.5°	107.6	80.3	57.6	37.6	22.5	8.0	0.0
5°	108.4	80.7	57.8	37.7	22.7	8.1	0.0
2.5°	108.9	80.9	57.9	37.7	22.8	8.1	0.0
0°	109.1	80.9	57.9	37.7	22.9	8.1	0.0
-2.5°	108.9	80.9	57.9	37.7	22.8	8.1	0.0
-5°	108.4	80.7	57.8	37.7	22.7	8.1	0.0
-7.5°	107.6	80.3	57.6	37.6	22.5	8.0	0.0
-10°	106.5	79.7	57.2	37.4	22.2	8.0	0.0
-12.5°	105.1	78.9	56.6	37.0	21.9	7.9	0.0
-15°	103.4	77.8	55.9	36.6	21.6	7.8	0.0
-17.5°	101.4	76.5	55.0	36.1	21.2	7.7	0.0
-20°	99.2	75.0	53.9	35.5	20.7	7.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	96.6	73.3	52.8	34.8	20.2	7.5	0.0
-25°	93.8	71.3	51.5	33.9	19.7	7.3	0.0
-27.5°	90.7	69.1	50.0	33.0	19.1	7.2	0.0
-30°	87.3	66.6	48.4	32.0	18.4	7.0	0.0
-32.5°	83.8	63.9	46.5	30.8	17.8	6.8	0.0
-35°	80.2	61.0	44.5	29.6	17.1	6.6	0.0
-37.5°	76.5	58.0	42.3	28.2	16.3	6.4	0.0
-40°	72.5	55.2	40.1	26.8	15.5	6.2	0.0
-42.5°	68.3	52.2	37.9	25.3	14.7	6.0	0.0
-45°	63.8	49.1	35.8	23.7	13.8	5.7	0.0
-47.5°	59.1	45.8	33.6	22.1	12.9	5.5	0.0
-50°	55.0	42.5	31.4	20.7	12.0	5.2	0.0
-52.5°	50.8	39.0	29.1	19.3	11.1	4.9	0.0
-55°	46.4	36.0	26.8	17.9	10.1	4.6	0.0
-57.5°	42.0	33.1	24.4	16.4	9.1	4.4	0.0
-60°	37.6	30.1	22.0	14.9	8.1	4.0	0.0
-62.5°	34.0	27.1	19.9	13.3	7.5	3.7	0.0
-65°	30.5	24.0	17.7	11.7	6.8	3.4	0.0
-67.5°	26.9	21.0	15.5	10.1	6.2	3.1	0.0
-70°	23.3	18.1	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°	16.0	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°	8.5	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)