

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: P558900 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558900 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4B-940-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

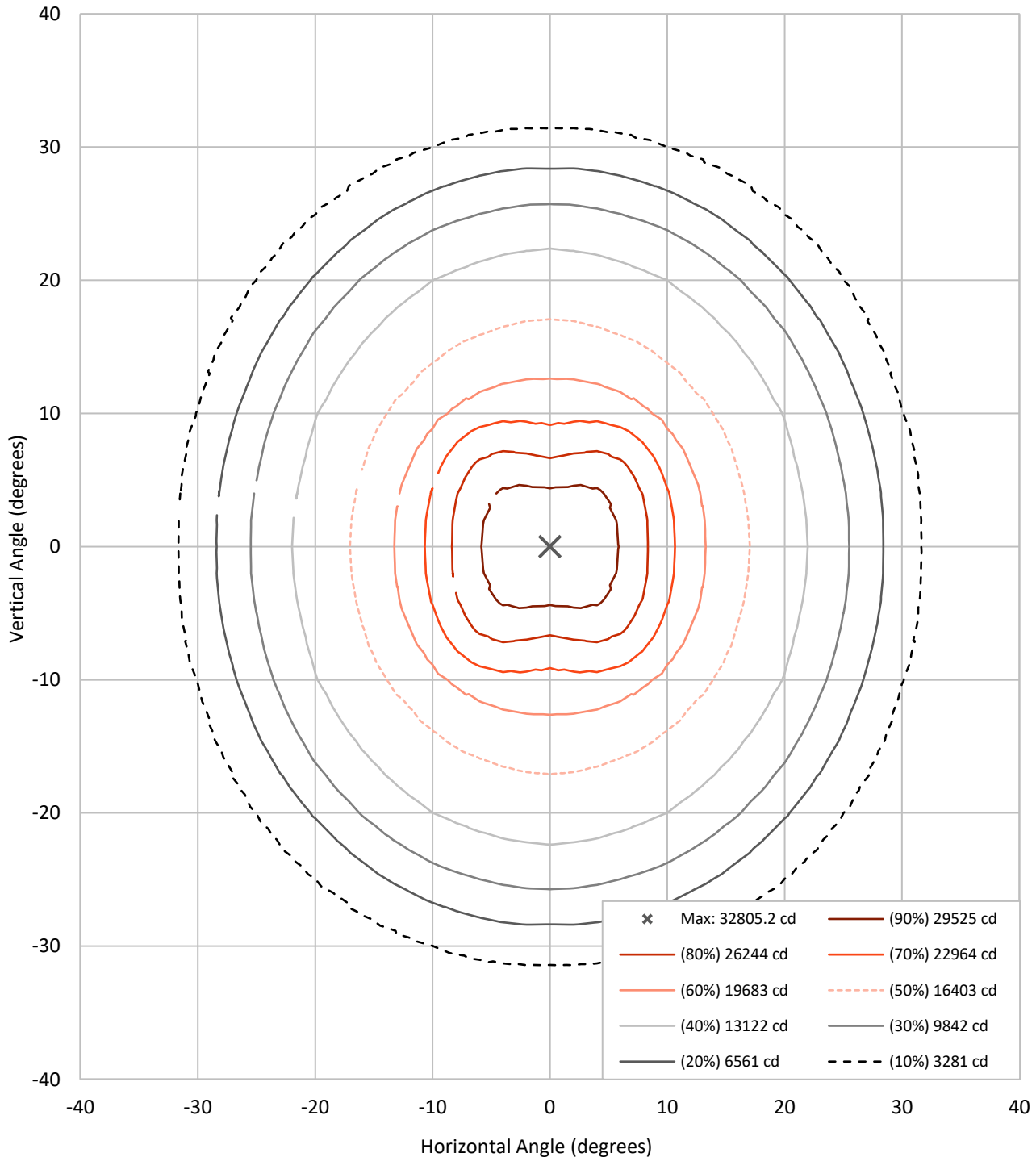
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	14512.1 lumens	Max Intensity:	32805.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6181.2 lumens	Field Lumens:	12633.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 126
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558900 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





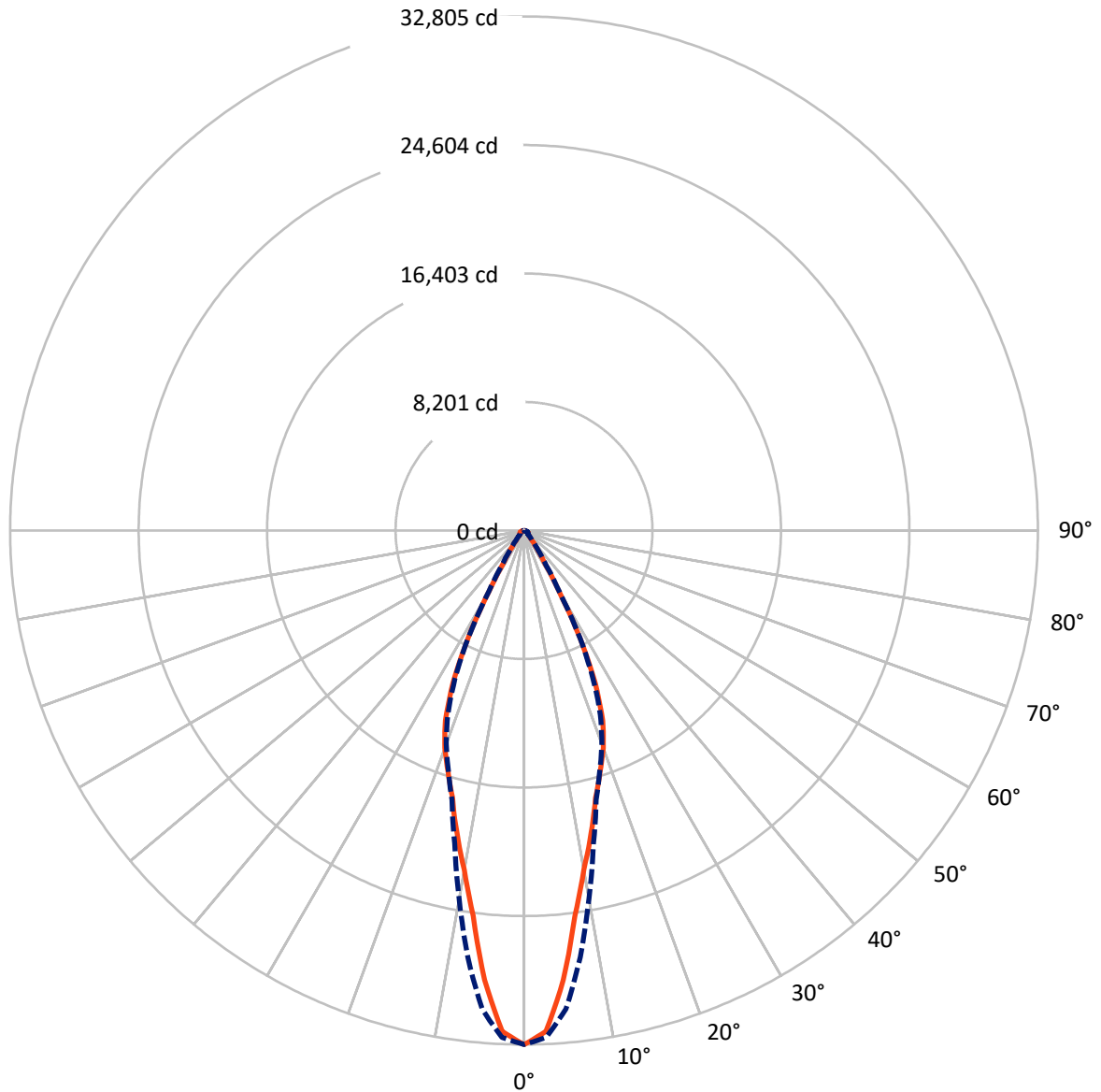
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Lumen Table

90																
80	0.2	1.6		4.5		7.4		8.7		7.4		4.5		1.6		0.2
70																
60	0.7	0.8	1.9	3.2	4.7	6.0	7.1	7.7	7.7	7.1	6.0	4.7	3.2	1.9	0.8	0.7
50		1.4	3.0	5.1	7.0	7.9	8.4	8.6	8.6	8.4	7.9	7.0	5.1	3.0	1.4	
40	1.4	1.9	4.1	6.2	7.2	8.9	11.5	13.2	13.2	11.5	8.9	7.2	6.2	4.1	1.9	1.4
30		2.4	4.8	6.2	9.4	18.5	35.2	53.7	53.7	35.2	18.5	9.4	6.2	4.8	2.4	
20	1.9	2.8	4.9	7.0	17.0	56.4	177.6	292.3	292.3	177.6	56.4	17.0	7.0	4.9	2.8	1.9
10		3.0	4.9	8.6	31.7	167.4	395.5	523.8	523.8	395.5	167.4	31.7	8.6	4.9	3.0	
0	2.1	3.2	5.0	9.9	48.2	263.7	514.4	811.7	811.7	514.4	263.7	48.2	9.9	5.0	3.2	2.1
-10		3.2	5.0	9.9	48.2	263.7	514.4	811.7	811.7	514.4	263.7	48.2	9.9	5.0	3.2	
-20	1.9	3.0	4.9	8.6	31.7	167.4	395.5	523.8	523.8	395.5	167.4	31.7	8.6	4.9	3.0	1.9
-30		2.8	4.9	7.0	17.0	56.4	177.6	292.3	292.3	177.6	56.4	17.0	7.0	4.9	2.8	
-40	1.4	2.4	4.8	6.2	9.4	18.5	35.2	53.7	53.7	35.2	18.5	9.4	6.2	4.8	2.4	1.4
-50		1.9	4.1	6.2	7.2	8.9	11.5	13.2	13.2	11.5	8.9	7.2	6.2	4.1	1.9	
-60	0.7	1.4	3.0	5.1	7.0	7.9	8.4	8.6	8.6	8.4	7.9	7.0	5.1	3.0	1.4	0.7
-70		0.8	1.9	3.2	4.7	6.0	7.1	7.7	7.7	7.1	6.0	4.7	3.2	1.9	0.8	
-80																
-90	0.2	1.6		4.5		7.4		8.7		7.4		4.5		1.6		0.2

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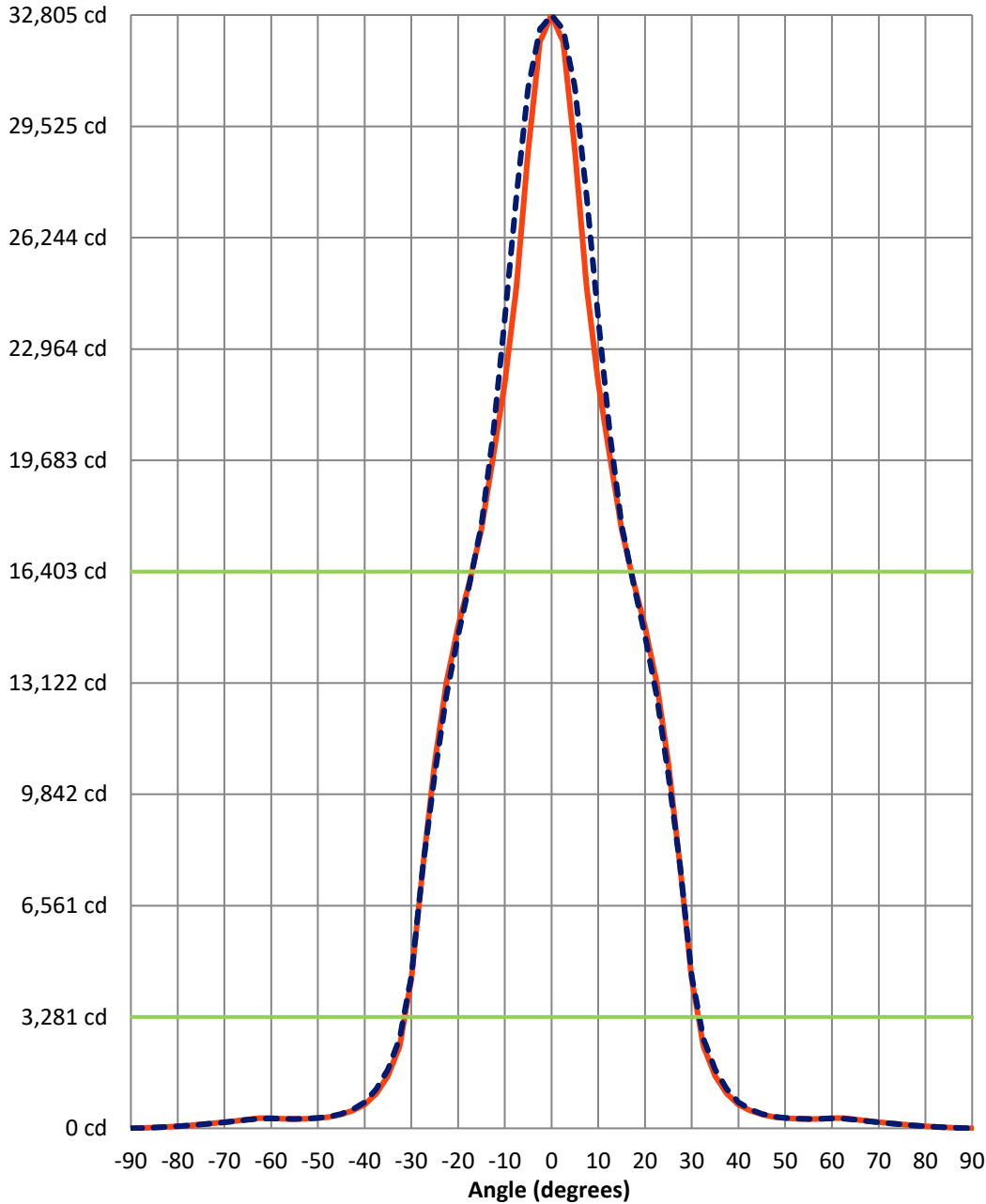
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 6181.2
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 12633.2
 Efficiency: 87.1%

Spill:
 Lumens: 1878.9
 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	2.5	2.8	3.2	3.5
85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.6	10.4	12.0
80°	0.0	1.4	2.9	4.3	5.7	7.2	8.8	11.3	13.6	15.8	17.9
77.5°	0.0	1.8	3.6	5.4	7.2	9.4	12.7	15.7	18.6	21.3	24.0
75°	0.0	2.1	4.3	6.4	8.7	12.6	16.5	20.2	23.6	27.2	30.9
72.5°	0.0	2.5	5.0	7.5	11.2	15.7	20.3	24.6	28.9	33.2	37.7
70°	0.0	2.8	5.7	8.6	13.6	18.7	24.1	29.1	34.0	39.2	45.7
67.5°	0.0	3.2	6.3	10.4	15.9	21.7	27.8	33.5	39.2	46.7	54.0
65°	0.0	3.5	7.0	12.1	18.3	24.8	31.5	37.8	45.7	54.0	62.9
62.5°	0.0	3.8	7.7	13.7	20.5	28.0	35.2	43.0	52.2	61.7	73.1
60°	0.0	4.1	8.3	15.4	22.7	31.1	38.9	48.5	58.5	70.7	83.1
57.5°	0.0	4.5	9.3	16.9	25.2	34.2	43.4	54.0	66.0	79.6	93.4
55°	0.0	4.8	10.4	18.5	27.7	37.2	48.0	59.3	73.7	88.3	103.5
52.5°	0.0	5.1	11.4	19.9	30.1	40.3	52.4	65.7	81.2	96.9	113.2
50°	0.0	5.3	12.4	21.4	32.5	43.9	56.8	72.0	88.4	105.2	123.4
47.5°	0.0	5.6	13.3	22.8	34.7	47.4	61.1	77.9	95.4	113.1	133.5
45°	0.0	5.9	14.3	24.5	37.0	50.7	65.9	83.7	102.1	121.9	143.3
42.5°	0.0	6.1	15.1	26.1	39.1	53.9	70.5	89.2	108.5	130.5	153.4
40°	0.0	6.4	16.0	27.7	41.4	57.0	74.9	94.6	115.1	138.9	163.3
37.5°	0.0	6.6	16.8	29.2	43.7	59.9	79.0	99.8	122.1	146.9	172.6
35°	0.0	6.8	17.6	30.6	45.9	63.0	82.9	104.7	128.7	154.7	181.6
32.5°	0.0	7.0	18.3	31.8	48.0	66.0	86.5	109.3	134.9	162.1	190.2
30°	0.0	7.2	19.1	33.0	50.0	68.8	90.2	113.9	140.7	169.0	198.3
27.5°	0.0	7.4	19.7	34.1	51.6	71.3	93.7	118.5	146.1	175.4	205.8
25°	0.0	7.5	20.3	35.1	53.1	73.6	96.9	122.8	151.3	181.5	212.7
22.5°	0.0	7.7	20.9	35.9	54.5	75.7	99.8	126.6	156.0	187.1	219.6
20°	0.0	7.8	21.4	36.7	55.7	77.5	102.4	130.1	160.3	192.1	225.8
17.5°	0.0	7.9	21.9	37.3	56.8	79.0	104.8	133.1	164.0	196.6	231.2
15°	0.0	8.0	22.3	37.9	57.7	80.3	106.8	135.8	167.3	200.4	235.9
12.5°	0.0	8.1	22.7	38.3	58.4	81.4	108.6	138.1	170.0	203.7	239.8
10°	0.0	8.2	23.0	38.6	59.0	82.3	110.0	139.9	172.1	206.7	243.3
7.5°	0.0	8.2	23.3	38.9	59.5	82.9	111.2	141.4	173.7	209.1	246.9
5°	0.0	8.3	23.5	39.0	59.7	83.4	112.0	142.5	174.8	211.0	249.8
2.5°	0.0	8.3	23.6	39.0	59.8	83.5	112.5	143.1	175.3	212.3	251.9
0°	0.0	8.3	23.7	39.0	59.8	83.5	112.7	143.3	175.3	212.9	253.3
-2.5°	0.0	8.3	23.6	39.0	59.8	83.5	112.5	143.1	175.3	212.3	251.9
-5°	0.0	8.3	23.5	39.0	59.7	83.4	112.0	142.5	174.8	211.0	249.8
-7.5°	0.0	8.2	23.3	38.9	59.5	82.9	111.2	141.4	173.7	209.1	246.9
-10°	0.0	8.2	23.0	38.6	59.0	82.3	110.0	139.9	172.1	206.7	243.3
-12.5°	0.0	8.1	22.7	38.3	58.4	81.4	108.6	138.1	170.0	203.7	239.8
-15°	0.0	8.0	22.3	37.9	57.7	80.3	106.8	135.8	167.3	200.4	235.9
-17.5°	0.0	7.9	21.9	37.3	56.8	79.0	104.8	133.1	164.0	196.6	231.2
-20°	0.0	7.8	21.4	36.7	55.7	77.5	102.4	130.1	160.3	192.1	225.8



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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	7.7	20.9	35.9	54.5	75.7	99.8	126.6	156.0	187.1	219.6
-25°	0.0	7.5	20.3	35.1	53.1	73.6	96.9	122.8	151.3	181.5	212.7
-27.5°	0.0	7.4	19.7	34.1	51.6	71.3	93.7	118.5	146.1	175.4	205.8
-30°	0.0	7.2	19.1	33.0	50.0	68.8	90.2	113.9	140.7	169.0	198.3
-32.5°	0.0	7.0	18.3	31.8	48.0	66.0	86.5	109.3	134.9	162.1	190.2
-35°	0.0	6.8	17.6	30.6	45.9	63.0	82.9	104.7	128.7	154.7	181.6
-37.5°	0.0	6.6	16.8	29.2	43.7	59.9	79.0	99.8	122.1	146.9	172.6
-40°	0.0	6.4	16.0	27.7	41.4	57.0	74.9	94.6	115.1	138.9	163.3
-42.5°	0.0	6.1	15.1	26.1	39.1	53.9	70.5	89.2	108.5	130.5	153.4
-45°	0.0	5.9	14.3	24.5	37.0	50.7	65.9	83.7	102.1	121.9	143.3
-47.5°	0.0	5.6	13.3	22.8	34.7	47.4	61.1	77.9	95.4	113.1	133.5
-50°	0.0	5.3	12.4	21.4	32.5	43.9	56.8	72.0	88.4	105.2	123.4
-52.5°	0.0	5.1	11.4	19.9	30.1	40.3	52.4	65.7	81.2	96.9	113.2
-55°	0.0	4.8	10.4	18.5	27.7	37.2	48.0	59.3	73.7	88.3	103.5
-57.5°	0.0	4.5	9.3	16.9	25.2	34.2	43.4	54.0	66.0	79.6	93.4
-60°	0.0	4.1	8.3	15.4	22.7	31.1	38.9	48.5	58.5	70.7	83.1
-62.5°	0.0	3.8	7.7	13.7	20.5	28.0	35.2	43.0	52.2	61.7	73.1
-65°	0.0	3.5	7.0	12.1	18.3	24.8	31.5	37.8	45.7	54.0	62.9
-67.5°	0.0	3.2	6.3	10.4	15.9	21.7	27.8	33.5	39.2	46.7	54.0
-70°	0.0	2.8	5.7	8.6	13.6	18.7	24.1	29.1	34.0	39.2	45.7
-72.5°	0.0	2.5	5.0	7.5	11.2	15.7	20.3	24.6	28.9	33.2	37.7
-75°	0.0	2.1	4.3	6.4	8.7	12.6	16.5	20.2	23.6	27.2	30.9
-77.5°	0.0	1.8	3.6	5.4	7.2	9.4	12.7	15.7	18.6	21.3	24.0
-80°	0.0	1.4	2.9	4.3	5.7	7.2	8.8	11.3	13.6	15.8	17.9
-82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.6	10.4	12.0
-85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
-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°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
85°	7.7	8.3	9.3	10.3	11.3	12.1	12.8	13.5	14.3	15.0	15.7
82.5°	13.6	15.3	16.8	18.3	19.6	20.6	21.7	23.2	25.0	26.7	28.3
80°	20.1	22.2	24.8	27.5	29.9	32.2	34.6	36.9	39.3	41.7	44.2
77.5°	27.3	30.7	34.2	37.7	41.0	44.9	48.8	52.7	56.1	59.2	62.0
75°	34.9	39.1	44.2	49.4	54.4	59.3	64.3	69.6	74.4	78.6	82.7
72.5°	43.2	49.3	55.5	61.6	68.6	75.2	81.7	87.9	93.6	98.9	104.3
70°	52.4	59.5	67.7	76.1	84.1	91.7	99.1	106.2	112.8	119.8	127.2
67.5°	61.9	71.6	81.1	90.5	99.9	108.6	116.7	125.8	134.7	143.5	151.9
65°	73.2	83.8	94.8	105.6	115.9	126.3	136.8	147.1	157.6	167.6	176.9
62.5°	84.3	96.7	108.9	120.8	133.0	144.8	157.1	169.2	180.9	193.1	204.7
60°	96.1	109.7	123.0	136.4	150.1	164.3	177.9	192.2	206.5	220.2	233.4
57.5°	107.8	122.5	137.1	152.3	168.2	183.9	200.1	216.0	232.4	248.0	261.6
55°	119.2	135.0	151.4	168.9	186.4	204.4	222.4	241.0	258.6	271.7	284.1
52.5°	130.6	147.7	166.5	185.4	204.9	225.1	246.1	264.0	278.6	289.9	292.6
50°	141.9	161.4	181.2	202.0	223.6	246.4	266.4	282.6	290.9	294.1	292.4
47.5°	153.7	174.7	196.0	218.4	242.5	264.3	283.3	291.5	295.5	291.2	286.0
45°	165.5	187.9	210.5	235.1	259.2	279.8	290.5	296.4	291.1	286.0	282.3
42.5°	176.8	200.8	225.6	250.9	273.3	287.9	294.6	291.2	286.7	282.8	284.1
40°	188.1	213.2	240.3	264.2	284.3	291.7	290.6	286.5	283.8	285.6	291.2
37.5°	198.8	226.3	253.9	277.0	287.9	290.9	285.9	283.2	285.2	291.8	304.3
35°	209.1	238.8	265.1	284.4	291.7	286.6	283.0	282.6	290.0	303.4	322.0
32.5°	219.4	250.7	275.6	287.7	288.9	283.2	280.5	286.9	298.6	316.3	347.5
30°	229.5	259.9	283.3	290.6	285.6	281.2	282.7	291.9	307.9	337.2	387.8
27.5°	238.7	268.1	285.8	289.3	282.8	279.1	286.0	299.8	323.0	362.1	434.5
25°	247.1	275.6	288.0	286.6	280.9	280.4	289.8	306.9	338.9	402.1	501.2
22.5°	254.0	282.5	290.0	284.2	279.0	282.7	295.8	319.5	362.3	439.8	570.9
20°	259.7	284.2	289.6	281.8	277.1	284.6	301.1	331.9	393.9	498.8	649.3
17.5°	264.8	285.8	287.7	280.3	278.2	287.5	306.7	343.0	421.9	549.6	724.6
15°	269.3	287.1	285.8	278.9	279.6	291.4	315.7	363.8	455.5	597.4	792.3
12.5°	273.2	288.2	284.0	277.8	280.6	294.6	323.4	382.8	488.7	649.2	900.8
10°	276.5	289.1	282.4	276.9	281.3	297.2	329.7	397.8	514.2	693.2	991.9
7.5°	279.5	289.9	281.1	276.1	281.6	299.1	334.4	408.8	532.4	728.5	1060.0
5°	281.7	290.4	280.3	275.8	282.6	301.2	337.9	415.9	543.4	754.2	1105.6
2.5°	283.2	290.7	279.9	275.6	284.1	304.0	340.9	421.9	553.3	766.9	1138.0
0°	283.9	290.8	279.7	275.5	285.3	306.1	342.3	424.4	558.0	766.7	1157.7
-2.5°	283.2	290.7	279.9	275.6	284.1	304.0	340.9	421.9	553.3	766.9	1138.0
-5°	281.7	290.4	280.3	275.8	282.6	301.2	337.9	415.9	543.4	754.2	1105.6
-7.5°	279.5	289.9	281.1	276.1	281.6	299.1	334.4	408.8	532.4	728.5	1060.0
-10°	276.5	289.1	282.4	276.9	281.3	297.2	329.7	397.8	514.2	693.2	991.9
-12.5°	273.2	288.2	284.0	277.8	280.6	294.6	323.4	382.8	488.7	649.2	900.8
-15°	269.3	287.1	285.8	278.9	279.6	291.4	315.7	363.8	455.5	597.4	792.3
-17.5°	264.8	285.8	287.7	280.3	278.2	287.5	306.7	343.0	421.9	549.6	724.6
-20°	259.7	284.2	289.6	281.8	277.1	284.6	301.1	331.9	393.9	498.8	649.3



REPORT NUMBER: P558900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	254.0	282.5	290.0	284.2	279.0	282.7	295.8	319.5	362.3	439.8	570.9
-25°	247.1	275.6	288.0	286.6	280.9	280.4	289.8	306.9	338.9	402.1	501.2
-27.5°	238.7	268.1	285.8	289.3	282.8	279.1	286.0	299.8	323.0	362.1	434.5
-30°	229.5	259.9	283.3	290.6	285.6	281.2	282.7	291.9	307.9	337.2	387.8
-32.5°	219.4	250.7	275.6	287.7	288.9	283.2	280.5	286.9	298.6	316.3	347.5
-35°	209.1	238.8	265.1	284.4	291.7	286.6	283.0	282.6	290.0	303.4	322.0
-37.5°	198.8	226.3	253.9	277.0	287.9	290.9	285.9	283.2	285.2	291.8	304.3
-40°	188.1	213.2	240.3	264.2	284.3	291.7	290.6	286.5	283.8	285.6	291.2
-42.5°	176.8	200.8	225.6	250.9	273.3	287.9	294.6	291.2	286.7	282.8	284.1
-45°	165.5	187.9	210.5	235.1	259.2	279.8	290.5	296.4	291.1	286.0	282.3
-47.5°	153.7	174.7	196.0	218.4	242.5	264.3	283.3	291.5	295.5	291.2	286.0
-50°	141.9	161.4	181.2	202.0	223.6	246.4	266.4	282.6	290.9	294.1	292.4
-52.5°	130.6	147.7	166.5	185.4	204.9	225.1	246.1	264.0	278.6	289.9	292.6
-55°	119.2	135.0	151.4	168.9	186.4	204.4	222.4	241.0	258.6	271.7	284.1
-57.5°	107.8	122.5	137.1	152.3	168.2	183.9	200.1	216.0	232.4	248.0	261.6
-60°	96.1	109.7	123.0	136.4	150.1	164.3	177.9	192.2	206.5	220.2	233.4
-62.5°	84.3	96.7	108.9	120.8	133.0	144.8	157.1	169.2	180.9	193.1	204.7
-65°	73.2	83.8	94.8	105.6	115.9	126.3	136.8	147.1	157.6	167.6	176.9
-67.5°	61.9	71.6	81.1	90.5	99.9	108.6	116.7	125.8	134.7	143.5	151.9
-70°	52.4	59.5	67.7	76.1	84.1	91.7	99.1	106.2	112.8	119.8	127.2
-72.5°	43.2	49.3	55.5	61.6	68.6	75.2	81.7	87.9	93.6	98.9	104.3
-75°	34.9	39.1	44.2	49.4	54.4	59.3	64.3	69.6	74.4	78.6	82.7
-77.5°	27.3	30.7	34.2	37.7	41.0	44.9	48.8	52.7	56.1	59.2	62.0
-80°	20.1	22.2	24.8	27.5	29.9	32.2	34.6	36.9	39.3	41.7	44.2
-82.5°	13.6	15.3	16.8	18.3	19.6	20.6	21.7	23.2	25.0	26.7	28.3
-85°	7.7	8.3	9.3	10.3	11.3	12.1	12.8	13.5	14.3	15.0	15.7
-87.5°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
-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: P558900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	6.8	6.7	6.6	6.5	6.3	6.5	6.6	6.7	6.8	7.1	7.5
85°	16.3	17.1	17.8	18.6	19.4	20.0	20.5	20.9	21.3	21.6	21.9
82.5°	29.8	31.3	32.8	34.1	35.3	36.2	37.1	37.9	38.5	39.1	39.6
80°	46.4	48.5	50.3	51.9	53.4	54.6	55.6	56.5	57.2	58.5	59.9
77.5°	64.9	67.8	70.5	73.0	75.2	77.4	79.4	81.2	82.9	84.1	85.0
75°	86.5	90.1	93.8	97.2	100.3	103.4	106.5	109.3	111.8	113.6	114.8
72.5°	109.6	114.5	119.0	123.3	127.1	130.9	134.8	138.2	141.3	143.6	145.5
70°	134.3	140.7	145.9	150.8	155.6	160.4	165.1	169.3	172.8	175.7	178.1
67.5°	159.9	167.3	173.8	180.2	186.6	192.6	198.3	203.6	208.5	212.2	214.7
65°	186.1	195.6	204.2	212.0	219.1	225.9	233.0	239.6	245.5	250.4	254.2
62.5°	215.8	226.4	236.2	244.9	252.8	259.1	265.9	272.1	277.7	282.8	287.9
60°	246.0	257.9	266.5	274.0	280.8	286.9	289.2	291.5	293.3	295.0	297.0
57.5°	272.4	282.6	290.0	291.7	293.2	294.5	293.7	291.3	288.9	286.4	284.4
55°	290.8	293.7	297.0	294.5	290.4	286.6	283.3	280.9	278.8	276.8	275.1
52.5°	295.8	293.0	289.5	285.8	283.0	280.0	277.1	277.6	278.5	279.2	279.6
50°	288.6	285.3	283.4	281.3	281.7	283.1	284.3	287.1	290.5	292.9	295.0
47.5°	283.0	280.9	283.6	287.1	290.4	296.4	301.7	306.9	315.0	321.4	326.5
45°	281.5	286.7	292.2	300.8	308.4	321.6	334.0	344.3	363.5	381.1	395.0
42.5°	289.4	298.5	308.4	325.2	343.3	366.6	396.5	421.8	451.4	479.0	499.0
40°	302.6	315.9	338.2	365.2	407.6	445.3	494.8	537.2	577.0	619.1	650.8
37.5°	321.4	346.3	388.0	436.7	501.0	562.7	631.0	697.2	753.7	839.1	905.9
35°	349.5	400.0	459.1	540.3	624.3	719.0	818.7	947.3	1060.5	1193.3	1318.1
32.5°	400.6	468.9	561.7	671.5	783.1	946.5	1100.6	1309.5	1497.2	1731.4	1983.2
30°	460.4	562.3	686.9	830.4	1032.5	1257.2	1510.6	1831.0	2211.6	2664.8	3273.1
27.5°	542.9	673.7	830.4	1062.9	1349.7	1650.8	2100.1	2638.6	3619.9	4475.2	5608.6
25°	631.6	791.4	1039.3	1351.7	1729.1	2271.4	3149.7	4270.3	5857.4	7375.0	8588.2
22.5°	733.9	967.4	1280.3	1669.2	2279.9	3329.9	4693.6	6666.9	8436.7	9967.4	11146.2
20°	847.1	1140.0	1560.6	2154.8	3194.9	4732.7	6921.9	8947.0	10754.6	12072.3	13113.8
17.5°	993.8	1376.4	1910.0	2730.0	4326.3	6695.9	8952.9	10954.6	12527.4	13685.0	14608.4
15°	1130.8	1594.0	2285.6	3684.7	5863.4	8396.0	10709.4	12495.1	13856.1	14933.4	15763.6
12.5°	1292.5	1838.5	2724.6	4509.4	7276.9	9798.6	11956.6	13624.0	14934.7	15944.6	17057.1
10°	1436.5	2101.5	3353.6	5608.5	8437.6	10901.0	12996.6	14495.0	15809.4	17125.3	18793.6
7.5°	1555.4	2322.2	3869.5	6535.8	9328.7	11716.4	13625.5	15122.8	16571.3	18328.8	20735.1
5°	1649.8	2488.7	4293.8	7235.8	9976.5	12298.4	14105.9	15623.6	17259.7	19610.7	22840.0
2.5°	1712.9	2597.7	4559.1	7658.8	10385.3	12632.2	14462.0	15951.1	17666.5	20328.4	23702.2
0°	1738.0	2648.1	4491.8	7735.5	10410.0	12740.8	14515.0	16073.5	17782.3	20448.5	23860.5
-2.5°	1712.9	2597.7	4559.1	7658.8	10385.3	12632.2	14462.0	15951.1	17666.5	20328.4	23702.2
-5°	1649.8	2488.7	4293.8	7235.8	9976.5	12298.4	14105.9	15623.6	17259.7	19610.7	22840.0
-7.5°	1555.4	2322.2	3869.5	6535.8	9328.7	11716.4	13625.5	15122.8	16571.3	18328.8	20735.1
-10°	1436.5	2101.5	3353.6	5608.5	8437.6	10901.0	12996.6	14495.0	15809.4	17125.3	18793.6
-12.5°	1292.5	1838.5	2724.6	4509.4	7276.9	9798.6	11956.6	13624.0	14934.7	15944.6	17057.1
-15°	1130.8	1594.0	2285.6	3684.7	5863.4	8396.0	10709.4	12495.1	13856.1	14933.4	15763.6
-17.5°	993.8	1376.4	1910.0	2730.0	4326.3	6695.9	8952.9	10954.6	12527.4	13685.0	14608.4
-20°	847.1	1140.0	1560.6	2154.8	3194.9	4732.7	6921.9	8947.0	10754.6	12072.3	13113.8



REPORT NUMBER: P558900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	733.9	967.4	1280.3	1669.2	2279.9	3329.9	4693.6	6666.9	8436.7	9967.4	11146.2
-25°	631.6	791.4	1039.3	1351.7	1729.1	2271.4	3149.7	4270.3	5857.4	7375.0	8588.2
-27.5°	542.9	673.7	830.4	1062.9	1349.7	1650.8	2100.1	2638.6	3619.9	4475.2	5608.6
-30°	460.4	562.3	686.9	830.4	1032.5	1257.2	1510.6	1831.0	2211.6	2664.8	3273.1
-32.5°	400.6	468.9	561.7	671.5	783.1	946.5	1100.6	1309.5	1497.2	1731.4	1983.2
-35°	349.5	400.0	459.1	540.3	624.3	719.0	818.7	947.3	1060.5	1193.3	1318.1
-37.5°	321.4	346.3	388.0	436.7	501.0	562.7	631.0	697.2	753.7	839.1	905.9
-40°	302.6	315.9	338.2	365.2	407.6	445.3	494.8	537.2	577.0	619.1	650.8
-42.5°	289.4	298.5	308.4	325.2	343.3	366.6	396.5	421.8	451.4	479.0	499.0
-45°	281.5	286.7	292.2	300.8	308.4	321.6	334.0	344.3	363.5	381.1	395.0
-47.5°	283.0	280.9	283.6	287.1	290.4	296.4	301.7	306.9	315.0	321.4	326.5
-50°	288.6	285.3	283.4	281.3	281.7	283.1	284.3	287.1	290.5	292.9	295.0
-52.5°	295.8	293.0	289.5	285.8	283.0	280.0	277.1	277.6	278.5	279.2	279.6
-55°	290.8	293.7	297.0	294.5	290.4	286.6	283.3	280.9	278.8	276.8	275.1
-57.5°	272.4	282.6	290.0	291.7	293.2	294.5	293.7	291.3	288.9	286.4	284.4
-60°	246.0	257.9	266.5	274.0	280.8	286.9	289.2	291.5	293.3	295.0	297.0
-62.5°	215.8	226.4	236.2	244.9	252.8	259.1	265.9	272.1	277.7	282.8	287.9
-65°	186.1	195.6	204.2	212.0	219.1	225.9	233.0	239.6	245.5	250.4	254.2
-67.5°	159.9	167.3	173.8	180.2	186.6	192.6	198.3	203.6	208.5	212.2	214.7
-70°	134.3	140.7	145.9	150.8	155.6	160.4	165.1	169.3	172.8	175.7	178.1
-72.5°	109.6	114.5	119.0	123.3	127.1	130.9	134.8	138.2	141.3	143.6	145.5
-75°	86.5	90.1	93.8	97.2	100.3	103.4	106.5	109.3	111.8	113.6	114.8
-77.5°	64.9	67.8	70.5	73.0	75.2	77.4	79.4	81.2	82.9	84.1	85.0
-80°	46.4	48.5	50.3	51.9	53.4	54.6	55.6	56.5	57.2	58.5	59.9
-82.5°	29.8	31.3	32.8	34.1	35.3	36.2	37.1	37.9	38.5	39.1	39.6
-85°	16.3	17.1	17.8	18.6	19.4	20.0	20.5	20.9	21.3	21.6	21.9
-87.5°	6.8	6.7	6.6	6.5	6.3	6.5	6.6	6.7	6.8	7.1	7.5
-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: P558900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	7.9	8.3	8.3	8.3	8.3	8.3	7.9	7.5	7.1	6.8	6.7
85°	22.1	22.2	23.0	23.7	23.0	22.2	22.1	21.9	21.6	21.3	20.9
82.5°	39.9	40.2	40.4	40.4	40.4	40.2	39.9	39.6	39.1	38.5	37.9
80°	61.1	62.2	61.8	61.2	61.8	62.2	61.1	59.9	58.5	57.2	56.5
77.5°	85.6	85.9	85.5	84.9	85.5	85.9	85.6	85.0	84.1	82.9	81.2
75°	115.7	116.2	116.7	116.9	116.7	116.2	115.7	114.8	113.6	111.8	109.3
72.5°	146.9	148.0	148.0	147.5	148.0	148.0	146.9	145.5	143.6	141.3	138.2
70°	179.9	181.2	182.0	182.3	182.0	181.2	179.9	178.1	175.7	172.8	169.3
67.5°	216.4	217.3	218.2	218.5	218.2	217.3	216.4	214.7	212.2	208.5	203.6
65°	257.3	259.8	260.5	260.2	260.5	259.8	257.3	254.2	250.4	245.5	239.6
62.5°	292.7	297.0	298.8	299.2	298.8	297.0	292.7	287.9	282.8	277.7	272.1
60°	298.7	300.2	300.6	300.6	300.6	300.2	298.7	297.0	295.0	293.3	291.5
57.5°	282.6	281.0	280.0	279.7	280.0	281.0	282.6	284.4	286.4	288.9	291.3
55°	273.5	272.1	271.4	271.3	271.4	272.1	273.5	275.1	276.8	278.8	280.9
52.5°	279.7	279.5	280.1	281.1	280.1	279.5	279.7	279.6	279.2	278.5	277.6
50°	296.8	298.0	299.3	300.6	299.3	298.0	296.8	295.0	292.9	290.5	287.1
47.5°	330.2	332.1	333.3	334.0	333.3	332.1	330.2	326.5	321.4	315.0	306.9
45°	404.0	408.8	411.2	411.9	411.2	408.8	404.0	395.0	381.1	363.5	344.3
42.5°	512.2	519.5	522.6	523.2	522.6	519.5	512.2	499.0	479.0	451.4	421.8
40°	673.5	686.5	692.7	697.2	692.7	686.5	673.5	650.8	619.1	577.0	537.2
37.5°	956.0	988.4	1006.9	1022.8	1006.9	988.4	956.0	905.9	839.1	753.7	697.2
35°	1419.6	1494.0	1537.8	1547.4	1537.8	1494.0	1419.6	1318.1	1193.3	1060.5	947.3
32.5°	2177.1	2323.1	2410.3	2421.3	2410.3	2323.1	2177.1	1983.2	1731.4	1497.2	1309.5
30°	3745.3	4154.1	4434.4	4395.8	4434.4	4154.1	3745.3	3273.1	2664.8	2211.6	1831.0
27.5°	6537.1	7278.6	7760.2	7720.2	7760.2	7278.6	6537.1	5608.6	4475.2	3619.9	2638.6
25°	9521.0	10203.5	10606.4	10755.1	10606.4	10203.5	9521.0	8588.2	7375.0	5857.4	4270.3
22.5°	11957.6	12567.8	12916.3	13124.9	12916.3	12567.8	11957.6	11146.2	9967.4	8436.7	6666.9
20°	13824.5	14353.7	14653.4	14782.2	14653.4	14353.7	13824.5	13113.8	12072.3	10754.6	8947.0
17.5°	15260.8	15703.8	16043.2	16130.6	16043.2	15703.8	15260.8	14608.4	13685.0	12527.4	10954.6
15°	16531.3	17103.5	17503.7	17652.9	17503.7	17103.5	16531.3	15763.6	14933.4	13856.1	12495.1
12.5°	18133.2	19128.2	19657.2	19779.1	19657.2	19128.2	18133.2	17057.1	15944.6	14934.7	13624.0
10°	20501.2	22030.6	22203.8	21966.6	22203.8	22030.6	20501.2	18793.6	17125.3	15809.4	14495.0
7.5°	23949.7	25989.0	25548.1	24813.7	25548.1	25989.0	23949.7	20735.1	18328.8	16571.3	15122.8
5°	26417.5	29248.9	29336.8	28797.6	29336.8	29248.9	26417.5	22840.0	19610.7	17259.7	15623.6
2.5°	27400.0	30314.6	31765.2	32003.0	31765.2	30314.6	27400.0	23702.2	20328.4	17666.5	15951.1
0°	27473.6	30658.1	32378.0	32805.2	32378.0	30658.1	27473.6	23860.5	20448.5	17782.3	16073.5
-2.5°	27400.0	30314.6	31765.2	32003.0	31765.2	30314.6	27400.0	23702.2	20328.4	17666.5	15951.1
-5°	26417.5	29248.9	29336.8	28797.6	29336.8	29248.9	26417.5	22840.0	19610.7	17259.7	15623.6
-7.5°	23949.7	25989.0	25548.1	24813.7	25548.1	25989.0	23949.7	20735.1	18328.8	16571.3	15122.8
-10°	20501.2	22030.6	22203.8	21966.6	22203.8	22030.6	20501.2	18793.6	17125.3	15809.4	14495.0
-12.5°	18133.2	19128.2	19657.2	19779.1	19657.2	19128.2	18133.2	17057.1	15944.6	14934.7	13624.0
-15°	16531.3	17103.5	17503.7	17652.9	17503.7	17103.5	16531.3	15763.6	14933.4	13856.1	12495.1
-17.5°	15260.8	15703.8	16043.2	16130.6	16043.2	15703.8	15260.8	14608.4	13685.0	12527.4	10954.6
-20°	13824.5	14353.7	14653.4	14782.2	14653.4	14353.7	13824.5	13113.8	12072.3	10754.6	8947.0



REPORT NUMBER: P558900 (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°	11957.6	12567.8	12916.3	13124.9	12916.3	12567.8	11957.6	11146.2	9967.4	8436.7	6666.9
-25°	9521.0	10203.5	10606.4	10755.1	10606.4	10203.5	9521.0	8588.2	7375.0	5857.4	4270.3
-27.5°	6537.1	7278.6	7760.2	7720.2	7760.2	7278.6	6537.1	5608.6	4475.2	3619.9	2638.6
-30°	3745.3	4154.1	4434.4	4395.8	4434.4	4154.1	3745.3	3273.1	2664.8	2211.6	1831.0
-32.5°	2177.1	2323.1	2410.3	2421.3	2410.3	2323.1	2177.1	1983.2	1731.4	1497.2	1309.5
-35°	1419.6	1494.0	1537.8	1547.4	1537.8	1494.0	1419.6	1318.1	1193.3	1060.5	947.3
-37.5°	956.0	988.4	1006.9	1022.8	1006.9	988.4	956.0	905.9	839.1	753.7	697.2
-40°	673.5	686.5	692.7	697.2	692.7	686.5	673.5	650.8	619.1	577.0	537.2
-42.5°	512.2	519.5	522.6	523.2	522.6	519.5	512.2	499.0	479.0	451.4	421.8
-45°	404.0	408.8	411.2	411.9	411.2	408.8	404.0	395.0	381.1	363.5	344.3
-47.5°	330.2	332.1	333.3	334.0	333.3	332.1	330.2	326.5	321.4	315.0	306.9
-50°	296.8	298.0	299.3	300.6	299.3	298.0	296.8	295.0	292.9	290.5	287.1
-52.5°	279.7	279.5	280.1	281.1	280.1	279.5	279.7	279.6	279.2	278.5	277.6
-55°	273.5	272.1	271.4	271.3	271.4	272.1	273.5	275.1	276.8	278.8	280.9
-57.5°	282.6	281.0	280.0	279.7	280.0	281.0	282.6	284.4	286.4	288.9	291.3
-60°	298.7	300.2	300.6	300.6	300.6	300.2	298.7	297.0	295.0	293.3	291.5
-62.5°	292.7	297.0	298.8	299.2	298.8	297.0	292.7	287.9	282.8	277.7	272.1
-65°	257.3	259.8	260.5	260.2	260.5	259.8	257.3	254.2	250.4	245.5	239.6
-67.5°	216.4	217.3	218.2	218.5	218.2	217.3	216.4	214.7	212.2	208.5	203.6
-70°	179.9	181.2	182.0	182.3	182.0	181.2	179.9	178.1	175.7	172.8	169.3
-72.5°	146.9	148.0	148.0	147.5	148.0	148.0	146.9	145.5	143.6	141.3	138.2
-75°	115.7	116.2	116.7	116.9	116.7	116.2	115.7	114.8	113.6	111.8	109.3
-77.5°	85.6	85.9	85.5	84.9	85.5	85.9	85.6	85.0	84.1	82.9	81.2
-80°	61.1	62.2	61.8	61.2	61.8	62.2	61.1	59.9	58.5	57.2	56.5
-82.5°	39.9	40.2	40.4	40.4	40.4	40.2	39.9	39.6	39.1	38.5	37.9
-85°	22.1	22.2	23.0	23.7	23.0	22.2	22.1	21.9	21.6	21.3	20.9
-87.5°	7.9	8.3	8.3	8.3	8.3	8.3	7.9	7.5	7.1	6.8	6.7
-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: P558900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-MR-XX

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°	6.6	6.5	6.3	6.5	6.6	6.7	6.8	6.6	6.4	6.1	5.9
85°	20.5	20.0	19.4	18.6	17.8	17.1	16.3	15.7	15.0	14.3	13.5
82.5°	37.1	36.2	35.3	34.1	32.8	31.3	29.8	28.3	26.7	25.0	23.2
80°	55.6	54.6	53.4	51.9	50.3	48.5	46.4	44.2	41.7	39.3	36.9
77.5°	79.4	77.4	75.2	73.0	70.5	67.8	64.9	62.0	59.2	56.1	52.7
75°	106.5	103.4	100.3	97.2	93.8	90.1	86.5	82.7	78.6	74.4	69.6
72.5°	134.8	130.9	127.1	123.3	119.0	114.5	109.6	104.3	98.9	93.6	87.9
70°	165.1	160.4	155.6	150.8	145.9	140.7	134.3	127.2	119.8	112.8	106.2
67.5°	198.3	192.6	186.6	180.2	173.8	167.3	159.9	151.9	143.5	134.7	125.8
65°	233.0	225.9	219.1	212.0	204.2	195.6	186.1	176.9	167.6	157.6	147.1
62.5°	265.9	259.1	252.8	244.9	236.2	226.4	215.8	204.7	193.1	180.9	169.2
60°	289.2	286.9	280.8	274.0	266.5	257.9	246.0	233.4	220.2	206.5	192.2
57.5°	293.7	294.5	293.2	291.7	290.0	282.6	272.4	261.6	248.0	232.4	216.0
55°	283.3	286.6	290.4	294.5	297.0	293.7	290.8	284.1	271.7	258.6	241.0
52.5°	277.1	280.0	283.0	285.8	289.5	293.0	295.8	292.6	289.9	278.6	264.0
50°	284.3	283.1	281.7	281.3	283.4	285.3	288.6	292.4	294.1	290.9	282.6
47.5°	301.7	296.4	290.4	287.1	283.6	280.9	283.0	286.0	291.2	295.5	291.5
45°	334.0	321.6	308.4	300.8	292.2	286.7	281.5	282.3	286.0	291.1	296.4
42.5°	396.5	366.6	343.3	325.2	308.4	298.5	289.4	284.1	282.8	286.7	291.2
40°	494.8	445.3	407.6	365.2	338.2	315.9	302.6	291.2	285.6	283.8	286.5
37.5°	631.0	562.7	501.0	436.7	388.0	346.3	321.4	304.3	291.8	285.2	283.2
35°	818.7	719.0	624.3	540.3	459.1	400.0	349.5	322.0	303.4	290.0	282.6
32.5°	1100.6	946.5	783.1	671.5	561.7	468.9	400.6	347.5	316.3	298.6	286.9
30°	1510.6	1257.2	1032.5	830.4	686.9	562.3	460.4	387.8	337.2	307.9	291.9
27.5°	2100.1	1650.8	1349.7	1062.9	830.4	673.7	542.9	434.5	362.1	323.0	299.8
25°	3149.7	2271.4	1729.1	1351.7	1039.3	791.4	631.6	501.2	402.1	338.9	306.9
22.5°	4693.6	3329.9	2279.9	1669.2	1280.3	967.4	733.9	570.9	439.8	362.3	319.5
20°	6921.9	4732.7	3194.9	2154.8	1560.6	1140.0	847.1	649.3	498.8	393.9	331.9
17.5°	8952.9	6695.9	4326.3	2730.0	1910.0	1376.4	993.8	724.6	549.6	421.9	343.0
15°	10709.4	8396.0	5863.4	3684.7	2285.6	1594.0	1130.8	792.3	597.4	455.5	363.8
12.5°	11956.6	9798.6	7276.9	4509.4	2724.6	1838.5	1292.5	900.8	649.2	488.7	382.8
10°	12996.6	10901.0	8437.6	5608.5	3353.6	2101.5	1436.5	991.9	693.2	514.2	397.8
7.5°	13625.5	11716.4	9328.7	6535.8	3869.5	2322.2	1555.4	1060.0	728.5	532.4	408.8
5°	14105.9	12298.4	9976.5	7235.8	4293.8	2488.7	1649.8	1105.6	754.2	543.4	415.9
2.5°	14462.0	12632.2	10385.3	7658.8	4559.1	2597.7	1712.9	1138.0	766.9	553.3	421.9
0°	14515.0	12740.8	10410.0	7735.5	4491.8	2648.1	1738.0	1157.7	766.7	558.0	424.4
-2.5°	14462.0	12632.2	10385.3	7658.8	4559.1	2597.7	1712.9	1138.0	766.9	553.3	421.9
-5°	14105.9	12298.4	9976.5	7235.8	4293.8	2488.7	1649.8	1105.6	754.2	543.4	415.9
-7.5°	13625.5	11716.4	9328.7	6535.8	3869.5	2322.2	1555.4	1060.0	728.5	532.4	408.8
-10°	12996.6	10901.0	8437.6	5608.5	3353.6	2101.5	1436.5	991.9	693.2	514.2	397.8
-12.5°	11956.6	9798.6	7276.9	4509.4	2724.6	1838.5	1292.5	900.8	649.2	488.7	382.8
-15°	10709.4	8396.0	5863.4	3684.7	2285.6	1594.0	1130.8	792.3	597.4	455.5	363.8
-17.5°	8952.9	6695.9	4326.3	2730.0	1910.0	1376.4	993.8	724.6	549.6	421.9	343.0
-20°	6921.9	4732.7	3194.9	2154.8	1560.6	1140.0	847.1	649.3	498.8	393.9	331.9



REPORT NUMBER: P558900 (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°	4693.6	3329.9	2279.9	1669.2	1280.3	967.4	733.9	570.9	439.8	362.3	319.5
-25°	3149.7	2271.4	1729.1	1351.7	1039.3	791.4	631.6	501.2	402.1	338.9	306.9
-27.5°	2100.1	1650.8	1349.7	1062.9	830.4	673.7	542.9	434.5	362.1	323.0	299.8
-30°	1510.6	1257.2	1032.5	830.4	686.9	562.3	460.4	387.8	337.2	307.9	291.9
-32.5°	1100.6	946.5	783.1	671.5	561.7	468.9	400.6	347.5	316.3	298.6	286.9
-35°	818.7	719.0	624.3	540.3	459.1	400.0	349.5	322.0	303.4	290.0	282.6
-37.5°	631.0	562.7	501.0	436.7	388.0	346.3	321.4	304.3	291.8	285.2	283.2
-40°	494.8	445.3	407.6	365.2	338.2	315.9	302.6	291.2	285.6	283.8	286.5
-42.5°	396.5	366.6	343.3	325.2	308.4	298.5	289.4	284.1	282.8	286.7	291.2
-45°	334.0	321.6	308.4	300.8	292.2	286.7	281.5	282.3	286.0	291.1	296.4
-47.5°	301.7	296.4	290.4	287.1	283.6	280.9	283.0	286.0	291.2	295.5	291.5
-50°	284.3	283.1	281.7	281.3	283.4	285.3	288.6	292.4	294.1	290.9	282.6
-52.5°	277.1	280.0	283.0	285.8	289.5	293.0	295.8	292.6	289.9	278.6	264.0
-55°	283.3	286.6	290.4	294.5	297.0	293.7	290.8	284.1	271.7	258.6	241.0
-57.5°	293.7	294.5	293.2	291.7	290.0	282.6	272.4	261.6	248.0	232.4	216.0
-60°	289.2	286.9	280.8	274.0	266.5	257.9	246.0	233.4	220.2	206.5	192.2
-62.5°	265.9	259.1	252.8	244.9	236.2	226.4	215.8	204.7	193.1	180.9	169.2
-65°	233.0	225.9	219.1	212.0	204.2	195.6	186.1	176.9	167.6	157.6	147.1
-67.5°	198.3	192.6	186.6	180.2	173.8	167.3	159.9	151.9	143.5	134.7	125.8
-70°	165.1	160.4	155.6	150.8	145.9	140.7	134.3	127.2	119.8	112.8	106.2
-72.5°	134.8	130.9	127.1	123.3	119.0	114.5	109.6	104.3	98.9	93.6	87.9
-75°	106.5	103.4	100.3	97.2	93.8	90.1	86.5	82.7	78.6	74.4	69.6
-77.5°	79.4	77.4	75.2	73.0	70.5	67.8	64.9	62.0	59.2	56.1	52.7
-80°	55.6	54.6	53.4	51.9	50.3	48.5	46.4	44.2	41.7	39.3	36.9
-82.5°	37.1	36.2	35.3	34.1	32.8	31.3	29.8	28.3	26.7	25.0	23.2
-85°	20.5	20.0	19.4	18.6	17.8	17.1	16.3	15.7	15.0	14.3	13.5
-87.5°	6.6	6.5	6.3	6.5	6.6	6.7	6.8	6.6	6.4	6.1	5.9
-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: P558900 (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°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
85°	12.8	12.1	11.3	10.3	9.3	8.3	7.7	7.0	6.3	5.7	5.0
82.5°	21.7	20.6	19.6	18.3	16.8	15.3	13.6	12.0	10.4	8.6	7.5
80°	34.6	32.2	29.9	27.5	24.8	22.2	20.1	17.9	15.8	13.6	11.3
77.5°	48.8	44.9	41.0	37.7	34.2	30.7	27.3	24.0	21.3	18.6	15.7
75°	64.3	59.3	54.4	49.4	44.2	39.1	34.9	30.9	27.2	23.6	20.2
72.5°	81.7	75.2	68.6	61.6	55.5	49.3	43.2	37.7	33.2	28.9	24.6
70°	99.1	91.7	84.1	76.1	67.7	59.5	52.4	45.7	39.2	34.0	29.1
67.5°	116.7	108.6	99.9	90.5	81.1	71.6	61.9	54.0	46.7	39.2	33.5
65°	136.8	126.3	115.9	105.6	94.8	83.8	73.2	62.9	54.0	45.7	37.8
62.5°	157.1	144.8	133.0	120.8	108.9	96.7	84.3	73.1	61.7	52.2	43.0
60°	177.9	164.3	150.1	136.4	123.0	109.7	96.1	83.1	70.7	58.5	48.5
57.5°	200.1	183.9	168.2	152.3	137.1	122.5	107.8	93.4	79.6	66.0	54.0
55°	222.4	204.4	186.4	168.9	151.4	135.0	119.2	103.5	88.3	73.7	59.3
52.5°	246.1	225.1	204.9	185.4	166.5	147.7	130.6	113.2	96.9	81.2	65.7
50°	266.4	246.4	223.6	202.0	181.2	161.4	141.9	123.4	105.2	88.4	72.0
47.5°	283.3	264.3	242.5	218.4	196.0	174.7	153.7	133.5	113.1	95.4	77.9
45°	290.5	279.8	259.2	235.1	210.5	187.9	165.5	143.3	121.9	102.1	83.7
42.5°	294.6	287.9	273.3	250.9	225.6	200.8	176.8	153.4	130.5	108.5	89.2
40°	290.6	291.7	284.3	264.2	240.3	213.2	188.1	163.3	138.9	115.1	94.6
37.5°	285.9	290.9	287.9	277.0	253.9	226.3	198.8	172.6	146.9	122.1	99.8
35°	283.0	286.6	291.7	284.4	265.1	238.8	209.1	181.6	154.7	128.7	104.7
32.5°	280.5	283.2	288.9	287.7	275.6	250.7	219.4	190.2	162.1	134.9	109.3
30°	282.7	281.2	285.6	290.6	283.3	259.9	229.5	198.3	169.0	140.7	113.9
27.5°	286.0	279.1	282.8	289.3	285.8	268.1	238.7	205.8	175.4	146.1	118.5
25°	289.8	280.4	280.9	286.6	288.0	275.6	247.1	212.7	181.5	151.3	122.8
22.5°	295.8	282.7	279.0	284.2	290.0	282.5	254.0	219.6	187.1	156.0	126.6
20°	301.1	284.6	277.1	281.8	289.6	284.2	259.7	225.8	192.1	160.3	130.1
17.5°	306.7	287.5	278.2	280.3	287.7	285.8	264.8	231.2	196.6	164.0	133.1
15°	315.7	291.4	279.6	278.9	285.8	287.1	269.3	235.9	200.4	167.3	135.8
12.5°	323.4	294.6	280.6	277.8	284.0	288.2	273.2	239.8	203.7	170.0	138.1
10°	329.7	297.2	281.3	276.9	282.4	289.1	276.5	243.3	206.7	172.1	139.9
7.5°	334.4	299.1	281.6	276.1	281.1	289.9	279.5	246.9	209.1	173.7	141.4
5°	337.9	301.2	282.6	275.8	280.3	290.4	281.7	249.8	211.0	174.8	142.5
2.5°	340.9	304.0	284.1	275.6	279.9	290.7	283.2	251.9	212.3	175.3	143.1
0°	342.3	306.1	285.3	275.5	279.7	290.8	283.9	253.3	212.9	175.3	143.3
-2.5°	340.9	304.0	284.1	275.6	279.9	290.7	283.2	251.9	212.3	175.3	143.1
-5°	337.9	301.2	282.6	275.8	280.3	290.4	281.7	249.8	211.0	174.8	142.5
-7.5°	334.4	299.1	281.6	276.1	281.1	289.9	279.5	246.9	209.1	173.7	141.4
-10°	329.7	297.2	281.3	276.9	282.4	289.1	276.5	243.3	206.7	172.1	139.9
-12.5°	323.4	294.6	280.6	277.8	284.0	288.2	273.2	239.8	203.7	170.0	138.1
-15°	315.7	291.4	279.6	278.9	285.8	287.1	269.3	235.9	200.4	167.3	135.8
-17.5°	306.7	287.5	278.2	280.3	287.7	285.8	264.8	231.2	196.6	164.0	133.1
-20°	301.1	284.6	277.1	281.8	289.6	284.2	259.7	225.8	192.1	160.3	130.1



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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°	295.8	282.7	279.0	284.2	290.0	282.5	254.0	219.6	187.1	156.0	126.6
-25°	289.8	280.4	280.9	286.6	288.0	275.6	247.1	212.7	181.5	151.3	122.8
-27.5°	286.0	279.1	282.8	289.3	285.8	268.1	238.7	205.8	175.4	146.1	118.5
-30°	282.7	281.2	285.6	290.6	283.3	259.9	229.5	198.3	169.0	140.7	113.9
-32.5°	280.5	283.2	288.9	287.7	275.6	250.7	219.4	190.2	162.1	134.9	109.3
-35°	283.0	286.6	291.7	284.4	265.1	238.8	209.1	181.6	154.7	128.7	104.7
-37.5°	285.9	290.9	287.9	277.0	253.9	226.3	198.8	172.6	146.9	122.1	99.8
-40°	290.6	291.7	284.3	264.2	240.3	213.2	188.1	163.3	138.9	115.1	94.6
-42.5°	294.6	287.9	273.3	250.9	225.6	200.8	176.8	153.4	130.5	108.5	89.2
-45°	290.5	279.8	259.2	235.1	210.5	187.9	165.5	143.3	121.9	102.1	83.7
-47.5°	283.3	264.3	242.5	218.4	196.0	174.7	153.7	133.5	113.1	95.4	77.9
-50°	266.4	246.4	223.6	202.0	181.2	161.4	141.9	123.4	105.2	88.4	72.0
-52.5°	246.1	225.1	204.9	185.4	166.5	147.7	130.6	113.2	96.9	81.2	65.7
-55°	222.4	204.4	186.4	168.9	151.4	135.0	119.2	103.5	88.3	73.7	59.3
-57.5°	200.1	183.9	168.2	152.3	137.1	122.5	107.8	93.4	79.6	66.0	54.0
-60°	177.9	164.3	150.1	136.4	123.0	109.7	96.1	83.1	70.7	58.5	48.5
-62.5°	157.1	144.8	133.0	120.8	108.9	96.7	84.3	73.1	61.7	52.2	43.0
-65°	136.8	126.3	115.9	105.6	94.8	83.8	73.2	62.9	54.0	45.7	37.8
-67.5°	116.7	108.6	99.9	90.5	81.1	71.6	61.9	54.0	46.7	39.2	33.5
-70°	99.1	91.7	84.1	76.1	67.7	59.5	52.4	45.7	39.2	34.0	29.1
-72.5°	81.7	75.2	68.6	61.6	55.5	49.3	43.2	37.7	33.2	28.9	24.6
-75°	64.3	59.3	54.4	49.4	44.2	39.1	34.9	30.9	27.2	23.6	20.2
-77.5°	48.8	44.9	41.0	37.7	34.2	30.7	27.3	24.0	21.3	18.6	15.7
-80°	34.6	32.2	29.9	27.5	24.8	22.2	20.1	17.9	15.8	13.6	11.3
-82.5°	21.7	20.6	19.6	18.3	16.8	15.3	13.6	12.0	10.4	8.6	7.5
-85°	12.8	12.1	11.3	10.3	9.3	8.3	7.7	7.0	6.3	5.7	5.0
-87.5°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
-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°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
80°	8.8	7.2	5.7	4.3	2.9	1.4	0.0
77.5°	12.7	9.4	7.2	5.4	3.6	1.8	0.0
75°	16.5	12.6	8.7	6.4	4.3	2.1	0.0
72.5°	20.3	15.7	11.2	7.5	5.0	2.5	0.0
70°	24.1	18.7	13.6	8.6	5.7	2.8	0.0
67.5°	27.8	21.7	15.9	10.4	6.3	3.2	0.0
65°	31.5	24.8	18.3	12.1	7.0	3.5	0.0
62.5°	35.2	28.0	20.5	13.7	7.7	3.8	0.0
60°	38.9	31.1	22.7	15.4	8.3	4.1	0.0
57.5°	43.4	34.2	25.2	16.9	9.3	4.5	0.0
55°	48.0	37.2	27.7	18.5	10.4	4.8	0.0
52.5°	52.4	40.3	30.1	19.9	11.4	5.1	0.0
50°	56.8	43.9	32.5	21.4	12.4	5.3	0.0
47.5°	61.1	47.4	34.7	22.8	13.3	5.6	0.0
45°	65.9	50.7	37.0	24.5	14.3	5.9	0.0
42.5°	70.5	53.9	39.1	26.1	15.1	6.1	0.0
40°	74.9	57.0	41.4	27.7	16.0	6.4	0.0
37.5°	79.0	59.9	43.7	29.2	16.8	6.6	0.0
35°	82.9	63.0	45.9	30.6	17.6	6.8	0.0
32.5°	86.5	66.0	48.0	31.8	18.3	7.0	0.0
30°	90.2	68.8	50.0	33.0	19.1	7.2	0.0
27.5°	93.7	71.3	51.6	34.1	19.7	7.4	0.0
25°	96.9	73.6	53.1	35.1	20.3	7.5	0.0
22.5°	99.8	75.7	54.5	35.9	20.9	7.7	0.0
20°	102.4	77.5	55.7	36.7	21.4	7.8	0.0
17.5°	104.8	79.0	56.8	37.3	21.9	7.9	0.0
15°	106.8	80.3	57.7	37.9	22.3	8.0	0.0
12.5°	108.6	81.4	58.4	38.3	22.7	8.1	0.0
10°	110.0	82.3	59.0	38.6	23.0	8.2	0.0
7.5°	111.2	82.9	59.5	38.9	23.3	8.2	0.0
5°	112.0	83.4	59.7	39.0	23.5	8.3	0.0
2.5°	112.5	83.5	59.8	39.0	23.6	8.3	0.0
0°	112.7	83.5	59.8	39.0	23.7	8.3	0.0
-2.5°	112.5	83.5	59.8	39.0	23.6	8.3	0.0
-5°	112.0	83.4	59.7	39.0	23.5	8.3	0.0
-7.5°	111.2	82.9	59.5	38.9	23.3	8.2	0.0
-10°	110.0	82.3	59.0	38.6	23.0	8.2	0.0
-12.5°	108.6	81.4	58.4	38.3	22.7	8.1	0.0
-15°	106.8	80.3	57.7	37.9	22.3	8.0	0.0
-17.5°	104.8	79.0	56.8	37.3	21.9	7.9	0.0
-20°	102.4	77.5	55.7	36.7	21.4	7.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.8	75.7	54.5	35.9	20.9	7.7	0.0
-25°	96.9	73.6	53.1	35.1	20.3	7.5	0.0
-27.5°	93.7	71.3	51.6	34.1	19.7	7.4	0.0
-30°	90.2	68.8	50.0	33.0	19.1	7.2	0.0
-32.5°	86.5	66.0	48.0	31.8	18.3	7.0	0.0
-35°	82.9	63.0	45.9	30.6	17.6	6.8	0.0
-37.5°	79.0	59.9	43.7	29.2	16.8	6.6	0.0
-40°	74.9	57.0	41.4	27.7	16.0	6.4	0.0
-42.5°	70.5	53.9	39.1	26.1	15.1	6.1	0.0
-45°	65.9	50.7	37.0	24.5	14.3	5.9	0.0
-47.5°	61.1	47.4	34.7	22.8	13.3	5.6	0.0
-50°	56.8	43.9	32.5	21.4	12.4	5.3	0.0
-52.5°	52.4	40.3	30.1	19.9	11.4	5.1	0.0
-55°	48.0	37.2	27.7	18.5	10.4	4.8	0.0
-57.5°	43.4	34.2	25.2	16.9	9.3	4.5	0.0
-60°	38.9	31.1	22.7	15.4	8.3	4.1	0.0
-62.5°	35.2	28.0	20.5	13.7	7.7	3.8	0.0
-65°	31.5	24.8	18.3	12.1	7.0	3.5	0.0
-67.5°	27.8	21.7	15.9	10.4	6.3	3.2	0.0
-70°	24.1	18.7	13.6	8.6	5.7	2.8	0.0
-72.5°	20.3	15.7	11.2	7.5	5.0	2.5	0.0
-75°	16.5	12.6	8.7	6.4	4.3	2.1	0.0
-77.5°	12.7	9.4	7.2	5.4	3.6	1.8	0.0
-80°	8.8	7.2	5.7	4.3	2.9	1.4	0.0
-82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
-85°	4.3	3.6	2.9	2.2	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)