

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: P558852 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558852 (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-SA3E-930-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

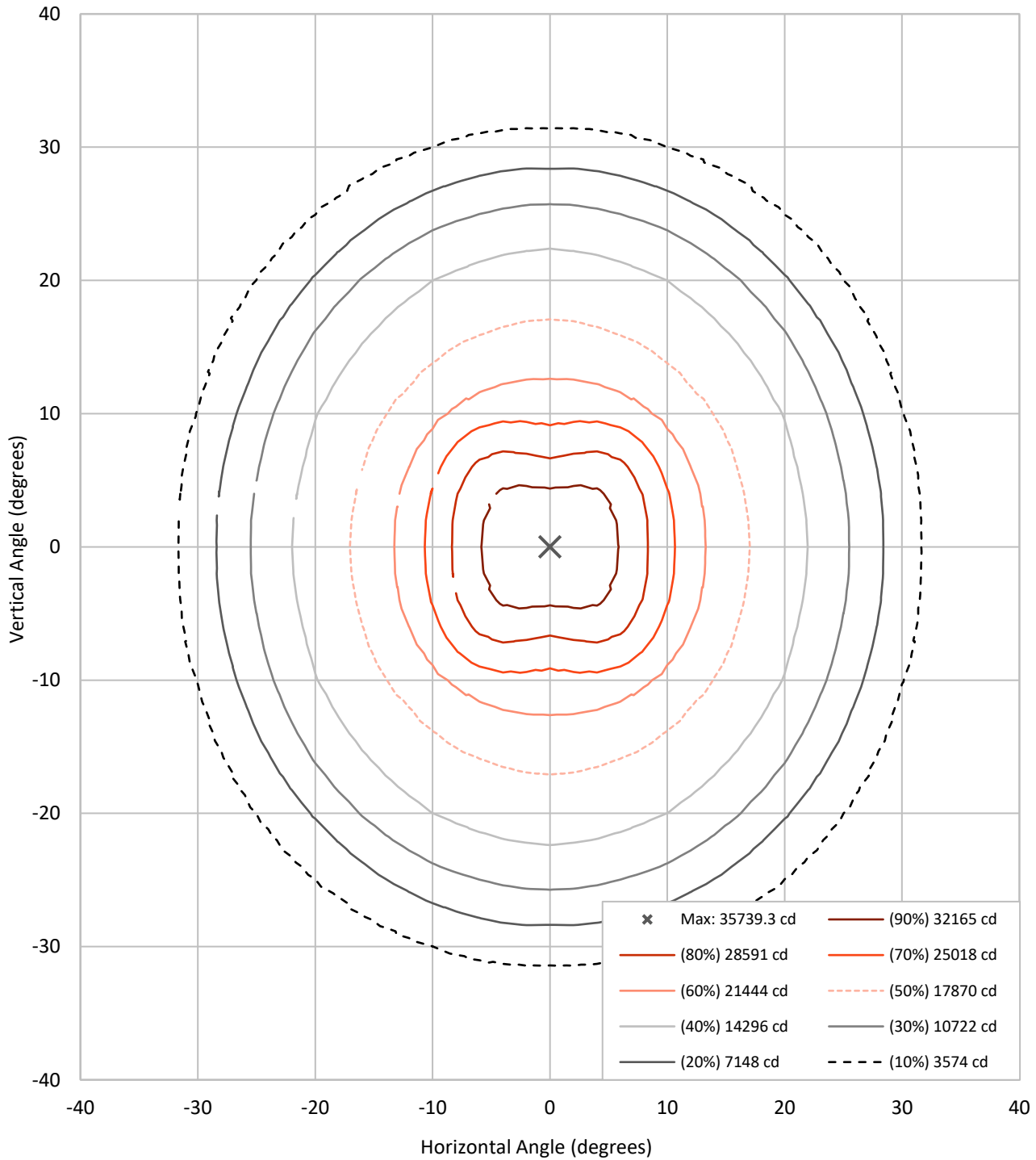
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	15810.1 lumens	Max Intensity:	35739.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6734.1 lumens	Field Lumens:	13763.1 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 182
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: P558852 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





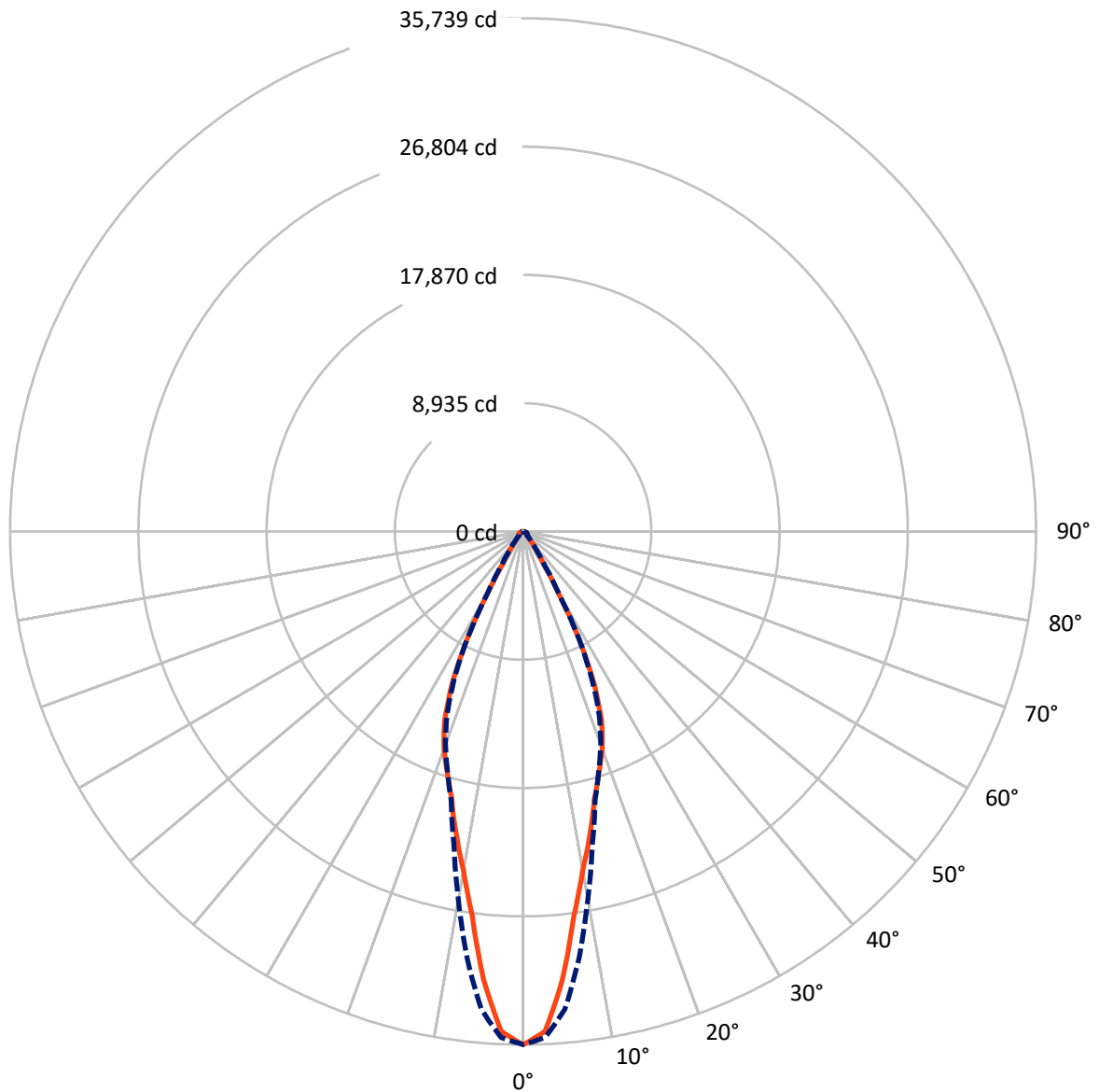
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Lumen Table

90																			
80	0.2	1.7		4.9		8.1		9.4		8.1		4.9		1.7		0.2			
70																			
60	0.8	0.9	2.0	3.5	5.1	6.6	7.7	8.3	8.3	7.7	6.6	5.1	3.5	2.0	0.9	0.8			
50		1.5	3.2	5.6	7.6	8.6	9.1	9.3	9.3	9.1	8.6	7.6	5.6	3.2	1.5				
40	1.5	2.1	4.5	6.7	7.9	9.7	12.5	14.4	14.4	12.5	9.7	7.9	6.7	4.5	2.1	1.5			
30		2.6	5.2	6.8	10.2	20.2	38.3	58.5	58.5	38.3	20.2	10.2	6.8	5.2	2.6				
20	2.1	3.0	5.4	7.6	18.5	61.5	193.5	318.5	318.5	193.5	61.5	18.5	7.6	5.4	3.0	2.1			
10		3.3	5.4	9.3	34.6	182.4	430.9	570.7	570.7	430.9	182.4	34.6	9.3	5.4	3.3				
0	2.2	3.5	5.4	10.8	52.5	287.2	560.4	884.3	884.3	560.4	287.2	52.5	10.8	5.4	3.5	2.2			
-10		3.5	5.4	10.8	52.5	287.2	560.4	884.3	884.3	560.4	287.2	52.5	10.8	5.4	3.5				
-20	2.1	3.3	5.4	9.3	34.6	182.4	430.9	570.7	570.7	430.9	182.4	34.6	9.3	5.4	3.3	2.1			
-30		3.0	5.4	7.6	18.5	61.5	193.5	318.5	318.5	193.5	61.5	18.5	7.6	5.4	3.0				
-40	1.5	2.6	5.2	6.8	10.2	20.2	38.3	58.5	58.5	38.3	20.2	10.2	6.8	5.2	2.6	1.5			
-50		2.1	4.5	6.7	7.9	9.7	12.5	14.4	14.4	12.5	9.7	7.9	6.7	4.5	2.1				
-60	0.8	1.5	3.2	5.6	7.6	8.6	9.1	9.3	9.3	9.1	8.6	7.6	5.6	3.2	1.5	0.8			
-70		0.9	2.0	3.5	5.1	6.6	7.7	8.3	8.3	7.7	6.6	5.1	3.5	2.0	0.9				
-80																			
-90	0.2	1.7		4.9		8.1		9.4		8.1		4.9		1.7		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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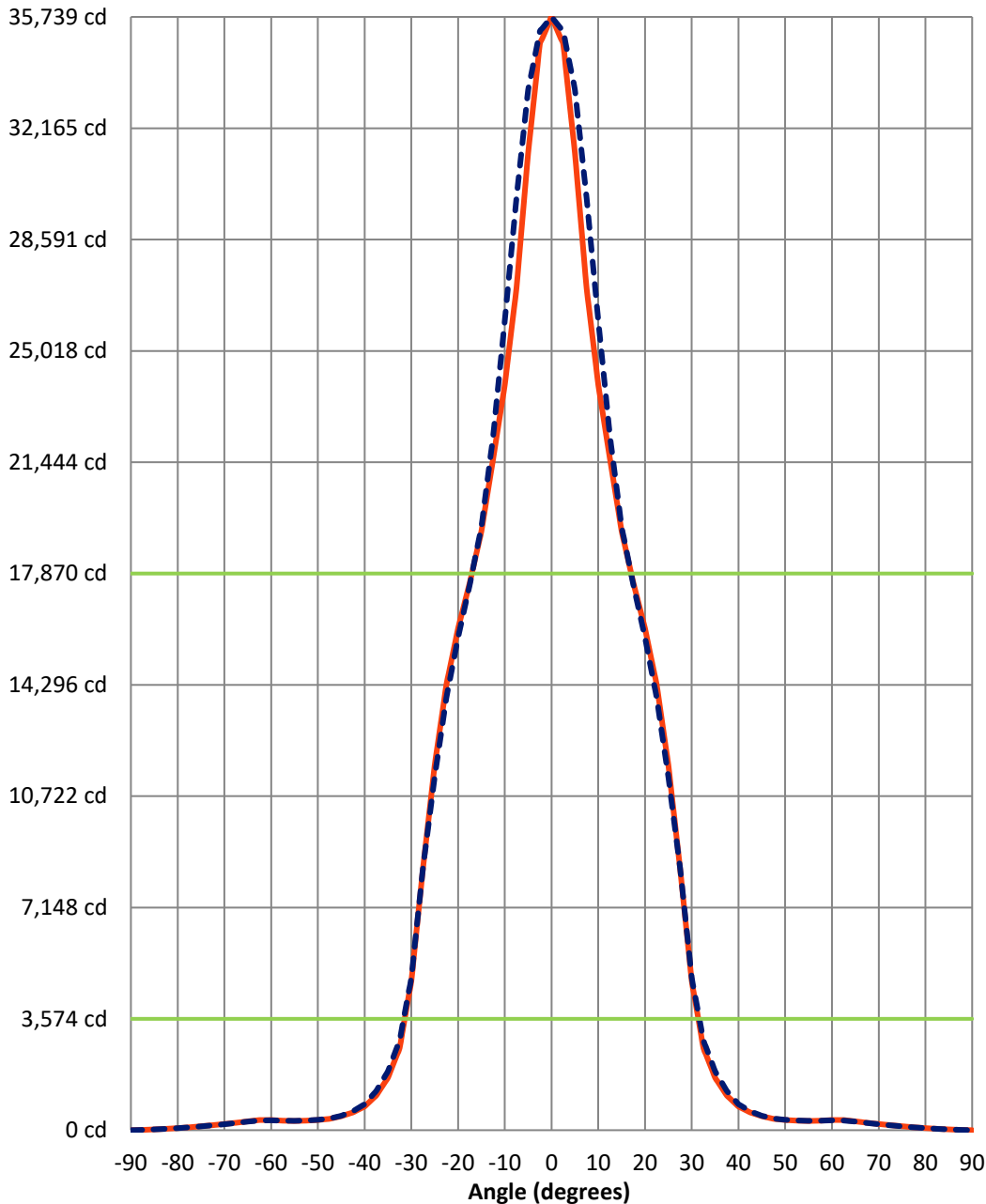
Luminous Intensity Polar Plot



— 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: 6734.1
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 13763.1
Efficiency: 87.1%

Spill:
Lumens: 2047
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	2.7	3.1	3.5	3.8
85°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	5.5	6.2	7.0	7.7
82.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.2	9.5	11.4	13.1
80°	0.0	1.6	3.2	4.7	6.3	7.8	9.6	12.3	14.9	17.3	19.5
77.5°	0.0	2.0	3.9	5.9	7.8	10.3	13.8	17.2	20.3	23.2	26.2
75°	0.0	2.4	4.7	7.0	9.6	13.7	18.0	22.0	25.7	29.6	33.6
72.5°	0.0	2.7	5.5	8.2	12.2	17.1	22.1	26.8	31.4	36.1	41.0
70°	0.0	3.1	6.2	9.5	14.8	20.4	26.2	31.7	37.0	42.6	49.8
67.5°	0.0	3.5	7.0	11.3	17.4	23.7	30.3	36.4	42.6	50.8	58.9
65°	0.0	3.8	7.7	13.2	19.9	27.0	34.3	41.1	49.8	58.9	68.5
62.5°	0.0	4.2	8.4	15.0	22.4	30.5	38.3	46.8	56.9	67.2	79.6
60°	0.0	4.5	9.1	16.8	24.7	33.9	42.3	52.9	63.8	77.1	90.5
57.5°	0.0	4.9	10.2	18.5	27.5	37.2	47.3	58.8	72.0	86.7	101.7
55°	0.0	5.2	11.4	20.1	30.1	40.5	52.3	64.7	80.3	96.1	112.7
52.5°	0.0	5.5	12.5	21.7	32.8	43.9	57.1	71.6	88.4	105.6	123.3
50°	0.0	5.8	13.5	23.3	35.3	47.8	61.9	78.4	96.3	114.6	134.4
47.5°	0.0	6.1	14.6	24.8	37.8	51.6	66.6	84.9	103.9	123.2	145.4
45°	0.0	6.4	15.6	26.7	40.3	55.2	71.8	91.1	111.2	132.9	156.2
42.5°	0.0	6.7	16.5	28.4	42.6	58.7	76.9	97.2	118.2	142.3	167.2
40°	0.0	7.0	17.5	30.1	45.1	62.1	81.6	103.1	125.4	151.4	177.9
37.5°	0.0	7.2	18.3	31.8	47.6	65.3	86.1	108.7	133.1	160.1	188.0
35°	0.0	7.5	19.2	33.3	50.0	68.6	90.3	114.1	140.3	168.6	197.9
32.5°	0.0	7.7	20.0	34.7	52.3	71.9	94.3	119.1	147.0	176.6	207.2
30°	0.0	7.9	20.8	36.0	54.4	74.9	98.3	124.1	153.3	184.1	216.0
27.5°	0.0	8.1	21.5	37.1	56.2	77.7	102.1	129.2	159.2	191.1	224.1
25°	0.0	8.2	22.1	38.2	57.9	80.2	105.5	133.8	164.8	197.7	231.7
22.5°	0.0	8.4	22.8	39.1	59.4	82.5	108.7	138.0	170.0	203.8	239.2
20°	0.0	8.6	23.3	39.9	60.7	84.4	111.6	141.7	174.6	209.3	246.0
17.5°	0.0	8.7	23.8	40.6	61.9	86.1	114.2	145.0	178.7	214.1	251.9
15°	0.0	8.8	24.3	41.2	62.9	87.5	116.4	147.9	182.2	218.3	257.0
12.5°	0.0	8.9	24.7	41.7	63.7	88.7	118.3	150.4	185.2	221.9	261.2
10°	0.0	9.0	25.0	42.0	64.3	89.7	119.9	152.4	187.5	225.1	265.1
7.5°	0.0	9.0	25.3	42.3	64.8	90.4	121.2	154.0	189.3	227.8	268.9
5°	0.0	9.1	25.5	42.4	65.1	90.8	122.1	155.2	190.4	229.8	272.1
2.5°	0.0	9.1	25.7	42.5	65.2	91.0	122.6	155.9	191.0	231.2	274.4
0°	0.0	9.1	25.8	42.4	65.2	91.0	122.8	156.1	191.0	231.9	275.9
-2.5°	0.0	9.1	25.7	42.5	65.2	91.0	122.6	155.9	191.0	231.2	274.4
-5°	0.0	9.1	25.5	42.4	65.1	90.8	122.1	155.2	190.4	229.8	272.1
-7.5°	0.0	9.0	25.3	42.3	64.8	90.4	121.2	154.0	189.3	227.8	268.9
-10°	0.0	9.0	25.0	42.0	64.3	89.7	119.9	152.4	187.5	225.1	265.1
-12.5°	0.0	8.9	24.7	41.7	63.7	88.7	118.3	150.4	185.2	221.9	261.2
-15°	0.0	8.8	24.3	41.2	62.9	87.5	116.4	147.9	182.2	218.3	257.0
-17.5°	0.0	8.7	23.8	40.6	61.9	86.1	114.2	145.0	178.7	214.1	251.9
-20°	0.0	8.6	23.3	39.9	60.7	84.4	111.6	141.7	174.6	209.3	246.0



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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	8.4	22.8	39.1	59.4	82.5	108.7	138.0	170.0	203.8	239.2
-25°	0.0	8.2	22.1	38.2	57.9	80.2	105.5	133.8	164.8	197.7	231.7
-27.5°	0.0	8.1	21.5	37.1	56.2	77.7	102.1	129.2	159.2	191.1	224.1
-30°	0.0	7.9	20.8	36.0	54.4	74.9	98.3	124.1	153.3	184.1	216.0
-32.5°	0.0	7.7	20.0	34.7	52.3	71.9	94.3	119.1	147.0	176.6	207.2
-35°	0.0	7.5	19.2	33.3	50.0	68.6	90.3	114.1	140.3	168.6	197.9
-37.5°	0.0	7.2	18.3	31.8	47.6	65.3	86.1	108.7	133.1	160.1	188.0
-40°	0.0	7.0	17.5	30.1	45.1	62.1	81.6	103.1	125.4	151.4	177.9
-42.5°	0.0	6.7	16.5	28.4	42.6	58.7	76.9	97.2	118.2	142.3	167.2
-45°	0.0	6.4	15.6	26.7	40.3	55.2	71.8	91.1	111.2	132.9	156.2
-47.5°	0.0	6.1	14.6	24.8	37.8	51.6	66.6	84.9	103.9	123.2	145.4
-50°	0.0	5.8	13.5	23.3	35.3	47.8	61.9	78.4	96.3	114.6	134.4
-52.5°	0.0	5.5	12.5	21.7	32.8	43.9	57.1	71.6	88.4	105.6	123.3
-55°	0.0	5.2	11.4	20.1	30.1	40.5	52.3	64.7	80.3	96.1	112.7
-57.5°	0.0	4.9	10.2	18.5	27.5	37.2	47.3	58.8	72.0	86.7	101.7
-60°	0.0	4.5	9.1	16.8	24.7	33.9	42.3	52.9	63.8	77.1	90.5
-62.5°	0.0	4.2	8.4	15.0	22.4	30.5	38.3	46.8	56.9	67.2	79.6
-65°	0.0	3.8	7.7	13.2	19.9	27.0	34.3	41.1	49.8	58.9	68.5
-67.5°	0.0	3.5	7.0	11.3	17.4	23.7	30.3	36.4	42.6	50.8	58.9
-70°	0.0	3.1	6.2	9.5	14.8	20.4	26.2	31.7	37.0	42.6	49.8
-72.5°	0.0	2.7	5.5	8.2	12.2	17.1	22.1	26.8	31.4	36.1	41.0
-75°	0.0	2.4	4.7	7.0	9.6	13.7	18.0	22.0	25.7	29.6	33.6
-77.5°	0.0	2.0	3.9	5.9	7.8	10.3	13.8	17.2	20.3	23.2	26.2
-80°	0.0	1.6	3.2	4.7	6.3	7.8	9.6	12.3	14.9	17.3	19.5
-82.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.2	9.5	11.4	13.1
-85°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	5.5	6.2	7.0	7.7
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.7	3.1	3.5	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.5	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
85°	8.4	9.1	10.2	11.3	12.3	13.2	14.0	14.7	15.5	16.3	17.1
82.5°	14.9	16.7	18.4	20.0	21.3	22.5	23.6	25.3	27.2	29.0	30.7
80°	21.9	24.2	27.0	29.9	32.5	35.1	37.6	40.2	42.8	45.4	48.1
77.5°	29.7	33.4	37.2	41.0	44.7	48.9	53.2	57.3	61.1	64.5	67.6
75°	38.0	42.6	48.1	53.8	59.3	64.6	70.0	75.8	81.0	85.6	90.0
72.5°	47.1	53.7	60.4	67.2	74.7	81.9	89.0	95.7	101.9	107.7	113.6
70°	57.1	64.8	73.8	82.8	91.6	99.9	108.0	115.6	122.8	130.5	138.6
67.5°	67.5	78.0	88.3	98.6	108.8	118.2	127.1	137.0	146.7	156.3	165.5
65°	79.7	91.3	103.3	115.0	126.2	137.6	149.0	160.2	171.7	182.6	192.7
62.5°	91.8	105.3	118.6	131.5	144.8	157.8	171.2	184.4	197.1	210.3	223.0
60°	104.7	119.4	134.0	148.6	163.5	179.0	193.9	209.3	224.9	239.9	254.3
57.5°	117.4	133.4	149.3	165.9	183.2	200.4	218.0	235.3	253.1	270.2	285.1
55°	129.9	147.1	165.0	184.0	203.0	222.7	242.3	262.5	281.7	296.1	309.5
52.5°	142.4	160.9	181.4	202.0	223.2	245.2	268.1	287.6	303.6	315.8	318.8
50°	154.6	175.8	197.4	220.1	243.5	268.5	290.3	308.0	316.9	320.4	318.6
47.5°	167.5	190.3	213.5	237.9	264.2	288.0	308.6	317.6	321.9	317.3	311.5
45°	180.3	204.7	229.3	256.2	282.4	304.8	316.5	322.9	317.1	311.5	307.5
42.5°	192.6	218.7	245.7	273.4	297.7	313.6	321.0	317.3	312.3	308.0	309.5
40°	204.8	232.3	261.8	287.8	309.7	317.9	316.6	312.1	309.2	311.1	317.3
37.5°	216.6	246.5	276.6	301.7	313.6	316.9	311.5	308.5	310.7	317.9	331.6
35°	227.7	260.1	288.8	309.8	317.8	312.3	308.3	307.8	316.0	330.6	350.8
32.5°	239.0	273.1	300.2	313.4	314.7	308.6	305.6	312.5	325.3	344.5	378.7
30°	250.0	283.1	308.6	316.6	311.1	306.3	308.0	318.0	335.4	367.3	422.5
27.5°	260.1	292.1	311.3	315.1	308.0	304.0	311.6	326.6	351.9	394.5	473.3
25°	269.2	300.2	313.7	312.2	306.0	305.5	315.7	334.3	369.2	438.1	546.0
22.5°	276.7	307.7	315.9	309.5	303.9	308.0	322.3	348.1	394.7	479.1	621.9
20°	282.9	309.6	315.5	307.0	301.9	310.0	328.1	361.6	429.1	543.5	707.4
17.5°	288.4	311.3	313.4	305.3	303.1	313.2	334.1	373.6	459.6	598.7	789.5
15°	293.3	312.7	311.3	303.9	304.6	317.4	344.0	396.3	496.3	650.8	863.2
12.5°	297.6	314.0	309.4	302.6	305.7	321.0	352.4	417.0	532.4	707.3	981.4
10°	301.1	315.0	307.7	301.7	306.4	323.8	359.2	433.4	560.2	755.2	1080.6
7.5°	304.4	315.8	306.2	300.9	306.8	325.9	364.4	445.4	580.0	793.6	1154.8
5°	306.9	316.4	305.4	300.5	307.9	328.2	368.2	453.1	592.1	821.6	1204.4
2.5°	308.5	316.7	304.9	300.3	309.5	331.2	371.4	459.7	602.8	835.5	1239.8
0°	309.3	316.8	304.7	300.2	310.8	333.5	372.9	462.4	607.9	835.3	1261.3
-2.5°	308.5	316.7	304.9	300.3	309.5	331.2	371.4	459.7	602.8	835.5	1239.8
-5°	306.9	316.4	305.4	300.5	307.9	328.2	368.2	453.1	592.1	821.6	1204.4
-7.5°	304.4	315.8	306.2	300.9	306.8	325.9	364.4	445.4	580.0	793.6	1154.8
-10°	301.1	315.0	307.7	301.7	306.4	323.8	359.2	433.4	560.2	755.2	1080.6
-12.5°	297.6	314.0	309.4	302.6	305.7	321.0	352.4	417.0	532.4	707.3	981.4
-15°	293.3	312.7	311.3	303.9	304.6	317.4	344.0	396.3	496.3	650.8	863.2
-17.5°	288.4	311.3	313.4	305.3	303.1	313.2	334.1	373.6	459.6	598.7	789.5
-20°	282.9	309.6	315.5	307.0	301.9	310.0	328.1	361.6	429.1	543.5	707.4



REPORT NUMBER: P558852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	276.7	307.7	315.9	309.5	303.9	308.0	322.3	348.1	394.7	479.1	621.9
-25°	269.2	300.2	313.7	312.2	306.0	305.5	315.7	334.3	369.2	438.1	546.0
-27.5°	260.1	292.1	311.3	315.1	308.0	304.0	311.6	326.6	351.9	394.5	473.3
-30°	250.0	283.1	308.6	316.6	311.1	306.3	308.0	318.0	335.4	367.3	422.5
-32.5°	239.0	273.1	300.2	313.4	314.7	308.6	305.6	312.5	325.3	344.5	378.7
-35°	227.7	260.1	288.8	309.8	317.8	312.3	308.3	307.8	316.0	330.6	350.8
-37.5°	216.6	246.5	276.6	301.7	313.6	316.9	311.5	308.5	310.7	317.9	331.6
-40°	204.8	232.3	261.8	287.8	309.7	317.9	316.6	312.1	309.2	311.1	317.3
-42.5°	192.6	218.7	245.7	273.4	297.7	313.6	321.0	317.3	312.3	308.0	309.5
-45°	180.3	204.7	229.3	256.2	282.4	304.8	316.5	322.9	317.1	311.5	307.5
-47.5°	167.5	190.3	213.5	237.9	264.2	288.0	308.6	317.6	321.9	317.3	311.5
-50°	154.6	175.8	197.4	220.1	243.5	268.5	290.3	308.0	316.9	320.4	318.6
-52.5°	142.4	160.9	181.4	202.0	223.2	245.2	268.1	287.6	303.6	315.8	318.8
-55°	129.9	147.1	165.0	184.0	203.0	222.7	242.3	262.5	281.7	296.1	309.5
-57.5°	117.4	133.4	149.3	165.9	183.2	200.4	218.0	235.3	253.1	270.2	285.1
-60°	104.7	119.4	134.0	148.6	163.5	179.0	193.9	209.3	224.9	239.9	254.3
-62.5°	91.8	105.3	118.6	131.5	144.8	157.8	171.2	184.4	197.1	210.3	223.0
-65°	79.7	91.3	103.3	115.0	126.2	137.6	149.0	160.2	171.7	182.6	192.7
-67.5°	67.5	78.0	88.3	98.6	108.8	118.2	127.1	137.0	146.7	156.3	165.5
-70°	57.1	64.8	73.8	82.8	91.6	99.9	108.0	115.6	122.8	130.5	138.6
-72.5°	47.1	53.7	60.4	67.2	74.7	81.9	89.0	95.7	101.9	107.7	113.6
-75°	38.0	42.6	48.1	53.8	59.3	64.6	70.0	75.8	81.0	85.6	90.0
-77.5°	29.7	33.4	37.2	41.0	44.7	48.9	53.2	57.3	61.1	64.5	67.6
-80°	21.9	24.2	27.0	29.9	32.5	35.1	37.6	40.2	42.8	45.4	48.1
-82.5°	14.9	16.7	18.4	20.0	21.3	22.5	23.6	25.3	27.2	29.0	30.7
-85°	8.4	9.1	10.2	11.3	12.3	13.2	14.0	14.7	15.5	16.3	17.1
-87.5°	4.2	4.5	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	7.4	7.2	7.1	6.9	7.0	7.1	7.2	7.3	7.8	8.2
85°	17.8	18.6	19.4	20.3	21.2	21.8	22.3	22.8	23.2	23.5	23.8
82.5°	32.4	34.1	35.7	37.1	38.4	39.5	40.4	41.3	42.0	42.6	43.1
80°	50.6	52.8	54.8	56.6	58.1	59.5	60.6	61.6	62.3	63.8	65.3
77.5°	70.7	73.9	76.8	79.5	81.9	84.3	86.5	88.5	90.3	91.6	92.6
75°	94.1	98.1	102.1	105.8	109.2	112.6	116.0	119.1	121.9	123.7	125.0
72.5°	119.4	124.8	129.6	134.3	138.4	142.6	146.8	150.6	153.9	156.5	158.5
70°	146.3	153.3	159.0	164.3	169.5	174.8	179.9	184.4	188.2	191.4	194.0
67.5°	174.2	182.2	189.4	196.3	203.3	209.8	216.0	221.8	227.1	231.1	233.8
65°	202.8	213.0	222.4	231.0	238.7	246.0	253.8	261.0	267.5	272.8	276.9
62.5°	235.0	246.6	257.3	266.8	275.4	282.3	289.7	296.4	302.5	308.1	313.7
60°	268.0	281.0	290.4	298.5	305.9	312.5	315.1	317.5	319.5	321.4	323.6
57.5°	296.8	307.9	316.0	317.8	319.5	320.9	320.0	317.4	314.7	312.0	309.8
55°	316.9	320.0	323.6	320.8	316.4	312.3	308.6	306.1	303.7	301.5	299.7
52.5°	322.2	319.2	315.4	311.3	308.3	305.1	301.9	302.5	303.4	304.1	304.5
50°	314.4	310.8	308.8	306.4	306.8	308.4	309.7	312.7	316.4	319.1	321.3
47.5°	308.3	306.0	309.0	312.8	316.4	322.9	328.7	334.4	343.2	350.2	355.7
45°	306.6	312.4	318.3	327.8	336.1	350.4	363.9	375.1	396.1	415.3	430.3
42.5°	315.3	325.2	336.0	354.3	374.1	399.4	432.0	459.5	491.7	521.8	543.5
40°	329.6	344.2	368.5	397.9	444.1	485.1	539.1	585.2	628.5	674.4	709.0
37.5°	350.2	377.4	422.8	475.7	545.8	613.0	687.4	759.6	821.1	914.1	986.9
35°	380.8	435.7	500.1	588.6	680.1	783.3	892.0	1032.0	1155.4	1300.0	1436.0
32.5°	436.4	510.8	611.8	731.5	853.2	1031.1	1199.1	1426.6	1631.1	1886.2	2160.6
30°	501.6	612.6	748.4	904.6	1124.8	1369.7	1645.7	1994.7	2409.4	2903.2	3565.9
27.5°	591.4	733.9	904.6	1158.0	1470.4	1798.5	2288.0	2874.6	3943.7	4875.5	6110.2
25°	688.1	862.1	1132.2	1472.7	1883.8	2474.6	3431.5	4652.2	6381.3	8034.6	9356.3
22.5°	799.5	1053.9	1394.8	1818.5	2483.8	3627.7	5113.4	7263.2	9191.3	10858.8	12143.0
20°	922.9	1241.9	1700.2	2347.6	3480.6	5156.0	7540.9	9747.3	11716.6	13152.1	14286.8
17.5°	1082.7	1499.5	2080.9	2974.2	4713.3	7294.9	9753.6	11934.4	13647.9	14909.1	15915.0
15°	1231.9	1736.6	2490.0	4014.3	6387.9	9147.0	11667.3	13612.7	15095.5	16269.1	17173.5
12.5°	1408.1	2002.9	2968.3	4912.8	7927.7	10675.0	13026.0	14842.6	16270.5	17370.6	18582.7
10°	1564.9	2289.4	3653.6	6110.1	9192.2	11876.0	14159.0	15791.5	17223.3	18657.0	20474.5
7.5°	1694.5	2529.9	4215.6	7120.3	10163.1	12764.3	14844.2	16475.4	18053.4	19968.1	22589.7
5°	1797.4	2711.2	4677.9	7883.0	10868.9	13398.3	15367.5	17021.0	18803.4	21364.7	24882.8
2.5°	1866.2	2830.1	4966.9	8343.8	11314.2	13762.0	15755.4	17377.7	19246.6	22146.6	25822.1
0°	1893.5	2884.9	4893.6	8427.3	11341.1	13880.3	15813.2	17511.1	19372.7	22277.4	25994.6
-2.5°	1866.2	2830.1	4966.9	8343.8	11314.2	13762.0	15755.4	17377.7	19246.6	22146.6	25822.1
-5°	1797.4	2711.2	4677.9	7883.0	10868.9	13398.3	15367.5	17021.0	18803.4	21364.7	24882.8
-7.5°	1694.5	2529.9	4215.6	7120.3	10163.1	12764.3	14844.2	16475.4	18053.4	19968.1	22589.7
-10°	1564.9	2289.4	3653.6	6110.1	9192.2	11876.0	14159.0	15791.5	17223.3	18657.0	20474.5
-12.5°	1408.1	2002.9	2968.3	4912.8	7927.7	10675.0	13026.0	14842.6	16270.5	17370.6	18582.7
-15°	1231.9	1736.6	2490.0	4014.3	6387.9	9147.0	11667.3	13612.7	15095.5	16269.1	17173.5
-17.5°	1082.7	1499.5	2080.9	2974.2	4713.3	7294.9	9753.6	11934.4	13647.9	14909.1	15915.0
-20°	922.9	1241.9	1700.2	2347.6	3480.6	5156.0	7540.9	9747.3	11716.6	13152.1	14286.8



REPORT NUMBER: P558852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	799.5	1053.9	1394.8	1818.5	2483.8	3627.7	5113.4	7263.2	9191.3	10858.8	12143.0
-25°	688.1	862.1	1132.2	1472.7	1883.8	2474.6	3431.5	4652.2	6381.3	8034.6	9356.3
-27.5°	591.4	733.9	904.6	1158.0	1470.4	1798.5	2288.0	2874.6	3943.7	4875.5	6110.2
-30°	501.6	612.6	748.4	904.6	1124.8	1369.7	1645.7	1994.7	2409.4	2903.2	3565.9
-32.5°	436.4	510.8	611.8	731.5	853.2	1031.1	1199.1	1426.6	1631.1	1886.2	2160.6
-35°	380.8	435.7	500.1	588.6	680.1	783.3	892.0	1032.0	1155.4	1300.0	1436.0
-37.5°	350.2	377.4	422.8	475.7	545.8	613.0	687.4	759.6	821.1	914.1	986.9
-40°	329.6	344.2	368.5	397.9	444.1	485.1	539.1	585.2	628.5	674.4	709.0
-42.5°	315.3	325.2	336.0	354.3	374.1	399.4	432.0	459.5	491.7	521.8	543.5
-45°	306.6	312.4	318.3	327.8	336.1	350.4	363.9	375.1	396.1	415.3	430.3
-47.5°	308.3	306.0	309.0	312.8	316.4	322.9	328.7	334.4	343.2	350.2	355.7
-50°	314.4	310.8	308.8	306.4	306.8	308.4	309.7	312.7	316.4	319.1	321.3
-52.5°	322.2	319.2	315.4	311.3	308.3	305.1	301.9	302.5	303.4	304.1	304.5
-55°	316.9	320.0	323.6	320.8	316.4	312.3	308.6	306.1	303.7	301.5	299.7
-57.5°	296.8	307.9	316.0	317.8	319.5	320.9	320.0	317.4	314.7	312.0	309.8
-60°	268.0	281.0	290.4	298.5	305.9	312.5	315.1	317.5	319.5	321.4	323.6
-62.5°	235.0	246.6	257.3	266.8	275.4	282.3	289.7	296.4	302.5	308.1	313.7
-65°	202.8	213.0	222.4	231.0	238.7	246.0	253.8	261.0	267.5	272.8	276.9
-67.5°	174.2	182.2	189.4	196.3	203.3	209.8	216.0	221.8	227.1	231.1	233.8
-70°	146.3	153.3	159.0	164.3	169.5	174.8	179.9	184.4	188.2	191.4	194.0
-72.5°	119.4	124.8	129.6	134.3	138.4	142.6	146.8	150.6	153.9	156.5	158.5
-75°	94.1	98.1	102.1	105.8	109.2	112.6	116.0	119.1	121.9	123.7	125.0
-77.5°	70.7	73.9	76.8	79.5	81.9	84.3	86.5	88.5	90.3	91.6	92.6
-80°	50.6	52.8	54.8	56.6	58.1	59.5	60.6	61.6	62.3	63.8	65.3
-82.5°	32.4	34.1	35.7	37.1	38.4	39.5	40.4	41.3	42.0	42.6	43.1
-85°	17.8	18.6	19.4	20.3	21.2	21.8	22.3	22.8	23.2	23.5	23.8
-87.5°	7.5	7.4	7.2	7.1	6.9	7.0	7.1	7.2	7.3	7.8	8.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558852 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.6	9.1	9.1	9.1	9.1	9.1	8.6	8.2	7.8	7.3	7.2
85°	24.0	24.2	25.0	25.8	25.0	24.2	24.0	23.8	23.5	23.2	22.8
82.5°	43.5	43.8	43.9	44.0	43.9	43.8	43.5	43.1	42.6	42.0	41.3
80°	66.6	67.8	67.4	66.7	67.4	67.8	66.6	65.3	63.8	62.3	61.6
77.5°	93.2	93.5	93.1	92.5	93.1	93.5	93.2	92.6	91.6	90.3	88.5
75°	126.0	126.5	127.1	127.3	127.1	126.5	126.0	125.0	123.7	121.9	119.1
72.5°	160.1	161.2	161.3	160.7	161.3	161.2	160.1	158.5	156.5	153.9	150.6
70°	196.0	197.4	198.3	198.6	198.3	197.4	196.0	194.0	191.4	188.2	184.4
67.5°	235.7	236.7	237.6	238.0	237.6	236.7	235.7	233.8	231.1	227.1	221.8
65°	280.4	283.0	283.9	283.5	283.9	283.0	280.4	276.9	272.8	267.5	261.0
62.5°	318.9	323.5	325.4	325.9	325.4	323.5	318.9	313.7	308.1	302.5	296.4
60°	325.5	327.0	327.5	327.5	327.5	327.0	325.5	323.6	321.4	319.5	317.5
57.5°	307.8	306.1	305.0	304.7	305.0	306.1	307.8	309.8	312.0	314.7	317.4
55°	298.0	296.5	295.7	295.6	295.7	296.5	298.0	299.7	301.5	303.7	306.1
52.5°	304.7	304.5	305.1	306.2	305.1	304.5	304.7	304.5	304.1	303.4	302.5
50°	323.3	324.6	326.1	327.5	326.1	324.6	323.3	321.3	319.1	316.4	312.7
47.5°	359.7	361.8	363.1	363.8	363.1	361.8	359.7	355.7	350.2	343.2	334.4
45°	440.1	445.4	447.9	448.7	447.9	445.4	440.1	430.3	415.3	396.1	375.1
42.5°	558.0	565.9	569.3	570.0	569.3	565.9	558.0	543.5	521.8	491.7	459.5
40°	733.7	747.8	754.6	759.5	754.6	747.8	733.7	709.0	674.4	628.5	585.2
37.5°	1041.5	1076.9	1097.0	1114.2	1097.0	1076.9	1041.5	986.9	914.1	821.1	759.6
35°	1546.6	1627.7	1675.4	1685.8	1675.4	1627.7	1546.6	1436.0	1300.0	1155.4	1032.0
32.5°	2371.9	2530.9	2625.9	2637.8	2625.9	2530.9	2371.9	2160.6	1886.2	1631.1	1426.6
30°	4080.2	4525.7	4831.0	4789.0	4831.0	4525.7	4080.2	3565.9	2903.2	2409.4	1994.7
27.5°	7121.8	7929.6	8454.3	8410.7	8454.3	7929.6	7121.8	6110.2	4875.5	3943.7	2874.6
25°	10372.5	11116.1	11555.0	11717.0	11555.0	11116.1	10372.5	9356.3	8034.6	6381.3	4652.2
22.5°	13027.1	13691.8	14071.5	14298.8	14071.5	13691.8	13027.1	12143.0	10858.8	9191.3	7263.2
20°	15061.0	15637.5	15964.1	16104.3	15964.1	15637.5	15061.0	14286.8	13152.1	11716.6	9747.3
17.5°	16625.7	17108.4	17478.1	17573.3	17478.1	17108.4	16625.7	15915.0	14909.1	13647.9	11934.4
15°	18009.8	18633.2	19069.2	19231.8	19069.2	18633.2	18009.8	17173.5	16269.1	15095.5	13612.7
12.5°	19755.1	20839.1	21415.3	21548.2	21415.3	20839.1	19755.1	18582.7	17370.6	16270.5	14842.6
10°	22334.8	24001.0	24189.8	23931.3	24189.8	24001.0	22334.8	20474.5	18657.0	17223.3	15791.5
7.5°	26091.8	28313.4	27833.1	27033.0	27833.1	28313.4	26091.8	22589.7	19968.1	18053.4	16475.4
5°	28780.4	31864.9	31960.7	31373.3	31960.7	31864.9	28780.4	24882.8	21364.7	18803.4	17021.0
2.5°	29850.7	33026.0	34606.3	34865.3	34606.3	33026.0	29850.7	25822.1	22146.6	19246.6	17377.7
0°	29930.8	33400.1	35273.9	35739.3	35273.9	33400.1	29930.8	25994.6	22277.4	19372.7	17511.1
-2.5°	29850.7	33026.0	34606.3	34865.3	34606.3	33026.0	29850.7	25822.1	22146.6	19246.6	17377.7
-5°	28780.4	31864.9	31960.7	31373.3	31960.7	31864.9	28780.4	24882.8	21364.7	18803.4	17021.0
-7.5°	26091.8	28313.4	27833.1	27033.0	27833.1	28313.4	26091.8	22589.7	19968.1	18053.4	16475.4
-10°	22334.8	24001.0	24189.8	23931.3	24189.8	24001.0	22334.8	20474.5	18657.0	17223.3	15791.5
-12.5°	19755.1	20839.1	21415.3	21548.2	21415.3	20839.1	19755.1	18582.7	17370.6	16270.5	14842.6
-15°	18009.8	18633.2	19069.2	19231.8	19069.2	18633.2	18009.8	17173.5	16269.1	15095.5	13612.7
-17.5°	16625.7	17108.4	17478.1	17573.3	17478.1	17108.4	16625.7	15915.0	14909.1	13647.9	11934.4
-20°	15061.0	15637.5	15964.1	16104.3	15964.1	15637.5	15061.0	14286.8	13152.1	11716.6	9747.3



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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°	13027.1	13691.8	14071.5	14298.8	14071.5	13691.8	13027.1	12143.0	10858.8	9191.3	7263.2
-25°	10372.5	11116.1	11555.0	11717.0	11555.0	11116.1	10372.5	9356.3	8034.6	6381.3	4652.2
-27.5°	7121.8	7929.6	8454.3	8410.7	8454.3	7929.6	7121.8	6110.2	4875.5	3943.7	2874.6
-30°	4080.2	4525.7	4831.0	4789.0	4831.0	4525.7	4080.2	3565.9	2903.2	2409.4	1994.7
-32.5°	2371.9	2530.9	2625.9	2637.8	2625.9	2530.9	2371.9	2160.6	1886.2	1631.1	1426.6
-35°	1546.6	1627.7	1675.4	1685.8	1675.4	1627.7	1546.6	1436.0	1300.0	1155.4	1032.0
-37.5°	1041.5	1076.9	1097.0	1114.2	1097.0	1076.9	1041.5	986.9	914.1	821.1	759.6
-40°	733.7	747.8	754.6	759.5	754.6	747.8	733.7	709.0	674.4	628.5	585.2
-42.5°	558.0	565.9	569.3	570.0	569.3	565.9	558.0	543.5	521.8	491.7	459.5
-45°	440.1	445.4	447.9	448.7	447.9	445.4	440.1	430.3	415.3	396.1	375.1
-47.5°	359.7	361.8	363.1	363.8	363.1	361.8	359.7	355.7	350.2	343.2	334.4
-50°	323.3	324.6	326.1	327.5	326.1	324.6	323.3	321.3	319.1	316.4	312.7
-52.5°	304.7	304.5	305.1	306.2	305.1	304.5	304.7	304.5	304.1	303.4	302.5
-55°	298.0	296.5	295.7	295.6	295.7	296.5	298.0	299.7	301.5	303.7	306.1
-57.5°	307.8	306.1	305.0	304.7	305.0	306.1	307.8	309.8	312.0	314.7	317.4
-60°	325.5	327.0	327.5	327.5	327.5	327.0	325.5	323.6	321.4	319.5	317.5
-62.5°	318.9	323.5	325.4	325.9	325.4	323.5	318.9	313.7	308.1	302.5	296.4
-65°	280.4	283.0	283.9	283.5	283.9	283.0	280.4	276.9	272.8	267.5	261.0
-67.5°	235.7	236.7	237.6	238.0	237.6	236.7	235.7	233.8	231.1	227.1	221.8
-70°	196.0	197.4	198.3	198.6	198.3	197.4	196.0	194.0	191.4	188.2	184.4
-72.5°	160.1	161.2	161.3	160.7	161.3	161.2	160.1	158.5	156.5	153.9	150.6
-75°	126.0	126.5	127.1	127.3	127.1	126.5	126.0	125.0	123.7	121.9	119.1
-77.5°	93.2	93.5	93.1	92.5	93.1	93.5	93.2	92.6	91.6	90.3	88.5
-80°	66.6	67.8	67.4	66.7	67.4	67.8	66.6	65.3	63.8	62.3	61.6
-82.5°	43.5	43.8	43.9	44.0	43.9	43.8	43.5	43.1	42.6	42.0	41.3
-85°	24.0	24.2	25.0	25.8	25.0	24.2	24.0	23.8	23.5	23.2	22.8
-87.5°	8.6	9.1	9.1	9.1	9.1	9.1	8.6	8.2	7.8	7.3	7.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	7.1	7.0	6.9	7.1	7.2	7.4	7.5	7.2	7.0	6.7	6.4
85°	22.3	21.8	21.2	20.3	19.4	18.6	17.8	17.1	16.3	15.5	14.7
82.5°	40.4	39.5	38.4	37.1	35.7	34.1	32.4	30.7	29.0	27.2	25.3
80°	60.6	59.5	58.1	56.6	54.8	52.8	50.6	48.1	45.4	42.8	40.2
77.5°	86.5	84.3	81.9	79.5	76.8	73.9	70.7	67.6	64.5	61.1	57.3
75°	116.0	112.6	109.2	105.8	102.1	98.1	94.1	90.0	85.6	81.0	75.8
72.5°	146.8	142.6	138.4	134.3	129.6	124.8	119.4	113.6	107.7	101.9	95.7
70°	179.9	174.8	169.5	164.3	159.0	153.3	146.3	138.6	130.5	122.8	115.6
67.5°	216.0	209.8	203.3	196.3	189.4	182.2	174.2	165.5	156.3	146.7	137.0
65°	253.8	246.0	238.7	231.0	222.4	213.0	202.8	192.7	182.6	171.7	160.2
62.5°	289.7	282.3	275.4	266.8	257.3	246.6	235.0	223.0	210.3	197.1	184.4
60°	315.1	312.5	305.9	298.5	290.4	281.0	268.0	254.3	239.9	224.9	209.3
57.5°	320.0	320.9	319.5	317.8	316.0	307.9	296.8	285.1	270.2	253.1	235.3
55°	308.6	312.3	316.4	320.8	323.6	320.0	316.9	309.5	296.1	281.7	262.5
52.5°	301.9	305.1	308.3	311.3	315.4	319.2	322.2	318.8	315.8	303.6	287.6
50°	309.7	308.4	306.8	306.4	308.8	310.8	314.4	318.6	320.4	316.9	308.0
47.5°	328.7	322.9	316.4	312.8	309.0	306.0	308.3	311.5	317.3	321.9	317.6
45°	363.9	350.4	336.1	327.8	318.3	312.4	306.6	307.5	311.5	317.1	322.9
42.5°	432.0	399.4	374.1	354.3	336.0	325.2	315.3	309.5	308.0	312.3	317.3
40°	539.1	485.1	444.1	397.9	368.5	344.2	329.6	317.3	311.1	309.2	312.1
37.5°	687.4	613.0	545.8	475.7	422.8	377.4	350.2	331.6	317.9	310.7	308.5
35°	892.0	783.3	680.1	588.6	500.1	435.7	380.8	350.8	330.6	316.0	307.8
32.5°	1199.1	1031.1	853.2	731.5	611.8	510.8	436.4	378.7	344.5	325.3	312.5
30°	1645.7	1369.7	1124.8	904.6	748.4	612.6	501.6	422.5	367.3	335.4	318.0
27.5°	2288.0	1798.5	1470.4	1158.0	904.6	733.9	591.4	473.3	394.5	351.9	326.6
25°	3431.5	2474.6	1883.8	1472.7	1132.2	862.1	688.1	546.0	438.1	369.2	334.3
22.5°	5113.4	3627.7	2483.8	1818.5	1394.8	1053.9	799.5	621.9	479.1	394.7	348.1
20°	7540.9	5156.0	3480.6	2347.6	1700.2	1241.9	922.9	707.4	543.5	429.1	361.6
17.5°	9753.6	7294.9	4713.3	2974.2	2080.9	1499.5	1082.7	789.5	598.7	459.6	373.6
15°	11667.3	9147.0	6387.9	4014.3	2490.0	1736.6	1231.9	863.2	650.8	496.3	396.3
12.5°	13026.0	10675.0	7927.7	4912.8	2968.3	2002.9	1408.1	981.4	707.3	532.4	417.0
10°	14159.0	11876.0	9192.2	6110.1	3653.6	2289.4	1564.9	1080.6	755.2	560.2	433.4
7.5°	14844.2	12764.3	10163.1	7120.3	4215.6	2529.9	1694.5	1154.8	793.6	580.0	445.4
5°	15367.5	13398.3	10868.9	7883.0	4677.9	2711.2	1797.4	1204.4	821.6	592.1	453.1
2.5°	15755.4	13762.0	11314.2	8343.8	4966.9	2830.1	1866.2	1239.8	835.5	602.8	459.7
0°	15813.2	13880.3	11341.1	8427.3	4893.6	2884.9	1893.5	1261.3	835.3	607.9	462.4
-2.5°	15755.4	13762.0	11314.2	8343.8	4966.9	2830.1	1866.2	1239.8	835.5	602.8	459.7
-5°	15367.5	13398.3	10868.9	7883.0	4677.9	2711.2	1797.4	1204.4	821.6	592.1	453.1
-7.5°	14844.2	12764.3	10163.1	7120.3	4215.6	2529.9	1694.5	1154.8	793.6	580.0	445.4
-10°	14159.0	11876.0	9192.2	6110.1	3653.6	2289.4	1564.9	1080.6	755.2	560.2	433.4
-12.5°	13026.0	10675.0	7927.7	4912.8	2968.3	2002.9	1408.1	981.4	707.3	532.4	417.0
-15°	11667.3	9147.0	6387.9	4014.3	2490.0	1736.6	1231.9	863.2	650.8	496.3	396.3
-17.5°	9753.6	7294.9	4713.3	2974.2	2080.9	1499.5	1082.7	789.5	598.7	459.6	373.6
-20°	7540.9	5156.0	3480.6	2347.6	1700.2	1241.9	922.9	707.4	543.5	429.1	361.6



REPORT NUMBER: P558852 (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°	5113.4	3627.7	2483.8	1818.5	1394.8	1053.9	799.5	621.9	479.1	394.7	348.1
-25°	3431.5	2474.6	1883.8	1472.7	1132.2	862.1	688.1	546.0	438.1	369.2	334.3
-27.5°	2288.0	1798.5	1470.4	1158.0	904.6	733.9	591.4	473.3	394.5	351.9	326.6
-30°	1645.7	1369.7	1124.8	904.6	748.4	612.6	501.6	422.5	367.3	335.4	318.0
-32.5°	1199.1	1031.1	853.2	731.5	611.8	510.8	436.4	378.7	344.5	325.3	312.5
-35°	892.0	783.3	680.1	588.6	500.1	435.7	380.8	350.8	330.6	316.0	307.8
-37.5°	687.4	613.0	545.8	475.7	422.8	377.4	350.2	331.6	317.9	310.7	308.5
-40°	539.1	485.1	444.1	397.9	368.5	344.2	329.6	317.3	311.1	309.2	312.1
-42.5°	432.0	399.4	374.1	354.3	336.0	325.2	315.3	309.5	308.0	312.3	317.3
-45°	363.9	350.4	336.1	327.8	318.3	312.4	306.6	307.5	311.5	317.1	322.9
-47.5°	328.7	322.9	316.4	312.8	309.0	306.0	308.3	311.5	317.3	321.9	317.6
-50°	309.7	308.4	306.8	306.4	308.8	310.8	314.4	318.6	320.4	316.9	308.0
-52.5°	301.9	305.1	308.3	311.3	315.4	319.2	322.2	318.8	315.8	303.6	287.6
-55°	308.6	312.3	316.4	320.8	323.6	320.0	316.9	309.5	296.1	281.7	262.5
-57.5°	320.0	320.9	319.5	317.8	316.0	307.9	296.8	285.1	270.2	253.1	235.3
-60°	315.1	312.5	305.9	298.5	290.4	281.0	268.0	254.3	239.9	224.9	209.3
-62.5°	289.7	282.3	275.4	266.8	257.3	246.6	235.0	223.0	210.3	197.1	184.4
-65°	253.8	246.0	238.7	231.0	222.4	213.0	202.8	192.7	182.6	171.7	160.2
-67.5°	216.0	209.8	203.3	196.3	189.4	182.2	174.2	165.5	156.3	146.7	137.0
-70°	179.9	174.8	169.5	164.3	159.0	153.3	146.3	138.6	130.5	122.8	115.6
-72.5°	146.8	142.6	138.4	134.3	129.6	124.8	119.4	113.6	107.7	101.9	95.7
-75°	116.0	112.6	109.2	105.8	102.1	98.1	94.1	90.0	85.6	81.0	75.8
-77.5°	86.5	84.3	81.9	79.5	76.8	73.9	70.7	67.6	64.5	61.1	57.3
-80°	60.6	59.5	58.1	56.6	54.8	52.8	50.6	48.1	45.4	42.8	40.2
-82.5°	40.4	39.5	38.4	37.1	35.7	34.1	32.4	30.7	29.0	27.2	25.3
-85°	22.3	21.8	21.2	20.3	19.4	18.6	17.8	17.1	16.3	15.5	14.7
-87.5°	7.1	7.0	6.9	7.1	7.2	7.4	7.5	7.2	7.0	6.7	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: P558852 (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°	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.7
85°	14.0	13.2	12.3	11.3	10.2	9.1	8.4	7.7	7.0	6.2	5.5
82.5°	23.6	22.5	21.3	20.0	18.4	16.7	14.9	13.1	11.4	9.5	8.2
80°	37.6	35.1	32.5	29.9	27.0	24.2	21.9	19.5	17.3	14.9	12.3
77.5°	53.2	48.9	44.7	41.0	37.2	33.4	29.7	26.2	23.2	20.3	17.2
75°	70.0	64.6	59.3	53.8	48.1	42.6	38.0	33.6	29.6	25.7	22.0
72.5°	89.0	81.9	74.7	67.2	60.4	53.7	47.1	41.0	36.1	31.4	26.8
70°	108.0	99.9	91.6	82.8	73.8	64.8	57.1	49.8	42.6	37.0	31.7
67.5°	127.1	118.2	108.8	98.6	88.3	78.0	67.5	58.9	50.8	42.6	36.4
65°	149.0	137.6	126.2	115.0	103.3	91.3	79.7	68.5	58.9	49.8	41.1
62.5°	171.2	157.8	144.8	131.5	118.6	105.3	91.8	79.6	67.2	56.9	46.8
60°	193.9	179.0	163.5	148.6	134.0	119.4	104.7	90.5	77.1	63.8	52.9
57.5°	218.0	200.4	183.2	165.9	149.3	133.4	117.4	101.7	86.7	72.0	58.8
55°	242.3	222.7	203.0	184.0	165.0	147.1	129.9	112.7	96.1	80.3	64.7
52.5°	268.1	245.2	223.2	202.0	181.4	160.9	142.4	123.3	105.6	88.4	71.6
50°	290.3	268.5	243.5	220.1	197.4	175.8	154.6	134.4	114.6	96.3	78.4
47.5°	308.6	288.0	264.2	237.9	213.5	190.3	167.5	145.4	123.2	103.9	84.9
45°	316.5	304.8	282.4	256.2	229.3	204.7	180.3	156.2	132.9	111.2	91.1
42.5°	321.0	313.6	297.7	273.4	245.7	218.7	192.6	167.2	142.3	118.2	97.2
40°	316.6	317.9	309.7	287.8	261.8	232.3	204.8	177.9	151.4	125.4	103.1
37.5°	311.5	316.9	313.6	301.7	276.6	246.5	216.6	188.0	160.1	133.1	108.7
35°	308.3	312.3	317.8	309.8	288.8	260.1	227.7	197.9	168.6	140.3	114.1
32.5°	305.6	308.6	314.7	313.4	300.2	273.1	239.0	207.2	176.6	147.0	119.1
30°	308.0	306.3	311.1	316.6	308.6	283.1	250.0	216.0	184.1	153.3	124.1
27.5°	311.6	304.0	308.0	315.1	311.3	292.1	260.1	224.1	191.1	159.2	129.2
25°	315.7	305.5	306.0	312.2	313.7	300.2	269.2	231.7	197.7	164.8	133.8
22.5°	322.3	308.0	303.9	309.5	315.9	307.7	276.7	239.2	203.8	170.0	138.0
20°	328.1	310.0	301.9	307.0	315.5	309.6	282.9	246.0	209.3	174.6	141.7
17.5°	334.1	313.2	303.1	305.3	313.4	311.3	288.4	251.9	214.1	178.7	145.0
15°	344.0	317.4	304.6	303.9	311.3	312.7	293.3	257.0	218.3	182.2	147.9
12.5°	352.4	321.0	305.7	302.6	309.4	314.0	297.6	261.2	221.9	185.2	150.4
10°	359.2	323.8	306.4	301.7	307.7	315.0	301.1	265.1	225.1	187.5	152.4
7.5°	364.4	325.9	306.8	300.9	306.2	315.8	304.4	268.9	227.8	189.3	154.0
5°	368.2	328.2	307.9	300.5	305.4	316.4	306.9	272.1	229.8	190.4	155.2
2.5°	371.4	331.2	309.5	300.3	304.9	316.7	308.5	274.4	231.2	191.0	155.9
0°	372.9	333.5	310.8	300.2	304.7	316.8	309.3	275.9	231.9	191.0	156.1
-2.5°	371.4	331.2	309.5	300.3	304.9	316.7	308.5	274.4	231.2	191.0	155.9
-5°	368.2	328.2	307.9	300.5	305.4	316.4	306.9	272.1	229.8	190.4	155.2
-7.5°	364.4	325.9	306.8	300.9	306.2	315.8	304.4	268.9	227.8	189.3	154.0
-10°	359.2	323.8	306.4	301.7	307.7	315.0	301.1	265.1	225.1	187.5	152.4
-12.5°	352.4	321.0	305.7	302.6	309.4	314.0	297.6	261.2	221.9	185.2	150.4
-15°	344.0	317.4	304.6	303.9	311.3	312.7	293.3	257.0	218.3	182.2	147.9
-17.5°	334.1	313.2	303.1	305.3	313.4	311.3	288.4	251.9	214.1	178.7	145.0
-20°	328.1	310.0	301.9	307.0	315.5	309.6	282.9	246.0	209.3	174.6	141.7



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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°	322.3	308.0	303.9	309.5	315.9	307.7	276.7	239.2	203.8	170.0	138.0
-25°	315.7	305.5	306.0	312.2	313.7	300.2	269.2	231.7	197.7	164.8	133.8
-27.5°	311.6	304.0	308.0	315.1	311.3	292.1	260.1	224.1	191.1	159.2	129.2
-30°	308.0	306.3	311.1	316.6	308.6	283.1	250.0	216.0	184.1	153.3	124.1
-32.5°	305.6	308.6	314.7	313.4	300.2	273.1	239.0	207.2	176.6	147.0	119.1
-35°	308.3	312.3	317.8	309.8	288.8	260.1	227.7	197.9	168.6	140.3	114.1
-37.5°	311.5	316.9	313.6	301.7	276.6	246.5	216.6	188.0	160.1	133.1	108.7
-40°	316.6	317.9	309.7	287.8	261.8	232.3	204.8	177.9	151.4	125.4	103.1
-42.5°	321.0	313.6	297.7	273.4	245.7	218.7	192.6	167.2	142.3	118.2	97.2
-45°	316.5	304.8	282.4	256.2	229.3	204.7	180.3	156.2	132.9	111.2	91.1
-47.5°	308.6	288.0	264.2	237.9	213.5	190.3	167.5	145.4	123.2	103.9	84.9
-50°	290.3	268.5	243.5	220.1	197.4	175.8	154.6	134.4	114.6	96.3	78.4
-52.5°	268.1	245.2	223.2	202.0	181.4	160.9	142.4	123.3	105.6	88.4	71.6
-55°	242.3	222.7	203.0	184.0	165.0	147.1	129.9	112.7	96.1	80.3	64.7
-57.5°	218.0	200.4	183.2	165.9	149.3	133.4	117.4	101.7	86.7	72.0	58.8
-60°	193.9	179.0	163.5	148.6	134.0	119.4	104.7	90.5	77.1	63.8	52.9
-62.5°	171.2	157.8	144.8	131.5	118.6	105.3	91.8	79.6	67.2	56.9	46.8
-65°	149.0	137.6	126.2	115.0	103.3	91.3	79.7	68.5	58.9	49.8	41.1
-67.5°	127.1	118.2	108.8	98.6	88.3	78.0	67.5	58.9	50.8	42.6	36.4
-70°	108.0	99.9	91.6	82.8	73.8	64.8	57.1	49.8	42.6	37.0	31.7
-72.5°	89.0	81.9	74.7	67.2	60.4	53.7	47.1	41.0	36.1	31.4	26.8
-75°	70.0	64.6	59.3	53.8	48.1	42.6	38.0	33.6	29.6	25.7	22.0
-77.5°	53.2	48.9	44.7	41.0	37.2	33.4	29.7	26.2	23.2	20.3	17.2
-80°	37.6	35.1	32.5	29.9	27.0	24.2	21.9	19.5	17.3	14.9	12.3
-82.5°	23.6	22.5	21.3	20.0	18.4	16.7	14.9	13.1	11.4	9.5	8.2
-85°	14.0	13.2	12.3	11.3	10.2	9.1	8.4	7.7	7.0	6.2	5.5
-87.5°	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
82.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
80°	9.6	7.8	6.3	4.7	3.2	1.6	0.0
77.5°	13.8	10.3	7.8	5.9	3.9	2.0	0.0
75°	18.0	13.7	9.6	7.0	4.7	2.4	0.0
72.5°	22.1	17.1	12.2	8.2	5.5	2.7	0.0
70°	26.2	20.4	14.8	9.5	6.2	3.1	0.0
67.5°	30.3	23.7	17.4	11.3	7.0	3.5	0.0
65°	34.3	27.0	19.9	13.2	7.7	3.8	0.0
62.5°	38.3	30.5	22.4	15.0	8.4	4.2	0.0
60°	42.3	33.9	24.7	16.8	9.1	4.5	0.0
57.5°	47.3	37.2	27.5	18.5	10.2	4.9	0.0
55°	52.3	40.5	30.1	20.1	11.4	5.2	0.0
52.5°	57.1	43.9	32.8	21.7	12.5	5.5	0.0
50°	61.9	47.8	35.3	23.3	13.5	5.8	0.0
47.5°	66.6	51.6	37.8	24.8	14.6	6.1	0.0
45°	71.8	55.2	40.3	26.7	15.6	6.4	0.0
42.5°	76.9	58.7	42.6	28.4	16.5	6.7	0.0
40°	81.6	62.1	45.1	30.1	17.5	7.0	0.0
37.5°	86.1	65.3	47.6	31.8	18.3	7.2	0.0
35°	90.3	68.6	50.0	33.3	19.2	7.5	0.0
32.5°	94.3	71.9	52.3	34.7	20.0	7.7	0.0
30°	98.3	74.9	54.4	36.0	20.8	7.9	0.0
27.5°	102.1	77.7	56.2	37.1	21.5	8.1	0.0
25°	105.5	80.2	57.9	38.2	22.1	8.2	0.0
22.5°	108.7	82.5	59.4	39.1	22.8	8.4	0.0
20°	111.6	84.4	60.7	39.9	23.3	8.6	0.0
17.5°	114.2	86.1	61.9	40.6	23.8	8.7	0.0
15°	116.4	87.5	62.9	41.2	24.3	8.8	0.0
12.5°	118.3	88.7	63.7	41.7	24.7	8.9	0.0
10°	119.9	89.7	64.3	42.0	25.0	9.0	0.0
7.5°	121.2	90.4	64.8	42.3	25.3	9.0	0.0
5°	122.1	90.8	65.1	42.4	25.5	9.1	0.0
2.5°	122.6	91.0	65.2	42.5	25.7	9.1	0.0
0°	122.8	91.0	65.2	42.4	25.8	9.1	0.0
-2.5°	122.6	91.0	65.2	42.5	25.7	9.1	0.0
-5°	122.1	90.8	65.1	42.4	25.5	9.1	0.0
-7.5°	121.2	90.4	64.8	42.3	25.3	9.0	0.0
-10°	119.9	89.7	64.3	42.0	25.0	9.0	0.0
-12.5°	118.3	88.7	63.7	41.7	24.7	8.9	0.0
-15°	116.4	87.5	62.9	41.2	24.3	8.8	0.0
-17.5°	114.2	86.1	61.9	40.6	23.8	8.7	0.0
-20°	111.6	84.4	60.7	39.9	23.3	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	108.7	82.5	59.4	39.1	22.8	8.4	0.0
-25°	105.5	80.2	57.9	38.2	22.1	8.2	0.0
-27.5°	102.1	77.7	56.2	37.1	21.5	8.1	0.0
-30°	98.3	74.9	54.4	36.0	20.8	7.9	0.0
-32.5°	94.3	71.9	52.3	34.7	20.0	7.7	0.0
-35°	90.3	68.6	50.0	33.3	19.2	7.5	0.0
-37.5°	86.1	65.3	47.6	31.8	18.3	7.2	0.0
-40°	81.6	62.1	45.1	30.1	17.5	7.0	0.0
-42.5°	76.9	58.7	42.6	28.4	16.5	6.7	0.0
-45°	71.8	55.2	40.3	26.7	15.6	6.4	0.0
-47.5°	66.6	51.6	37.8	24.8	14.6	6.1	0.0
-50°	61.9	47.8	35.3	23.3	13.5	5.8	0.0
-52.5°	57.1	43.9	32.8	21.7	12.5	5.5	0.0
-55°	52.3	40.5	30.1	20.1	11.4	5.2	0.0
-57.5°	47.3	37.2	27.5	18.5	10.2	4.9	0.0
-60°	42.3	33.9	24.7	16.8	9.1	4.5	0.0
-62.5°	38.3	30.5	22.4	15.0	8.4	4.2	0.0
-65°	34.3	27.0	19.9	13.2	7.7	3.8	0.0
-67.5°	30.3	23.7	17.4	11.3	7.0	3.5	0.0
-70°	26.2	20.4	14.8	9.5	6.2	3.1	0.0
-72.5°	22.1	17.1	12.2	8.2	5.5	2.7	0.0
-75°	18.0	13.7	9.6	7.0	4.7	2.4	0.0
-77.5°	13.8	10.3	7.8	5.9	3.9	2.0	0.0
-80°	9.6	7.8	6.3	4.7	3.2	1.6	0.0
-82.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
-85°	4.7	3.9	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)