

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: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558916 (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-SA4C-930-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

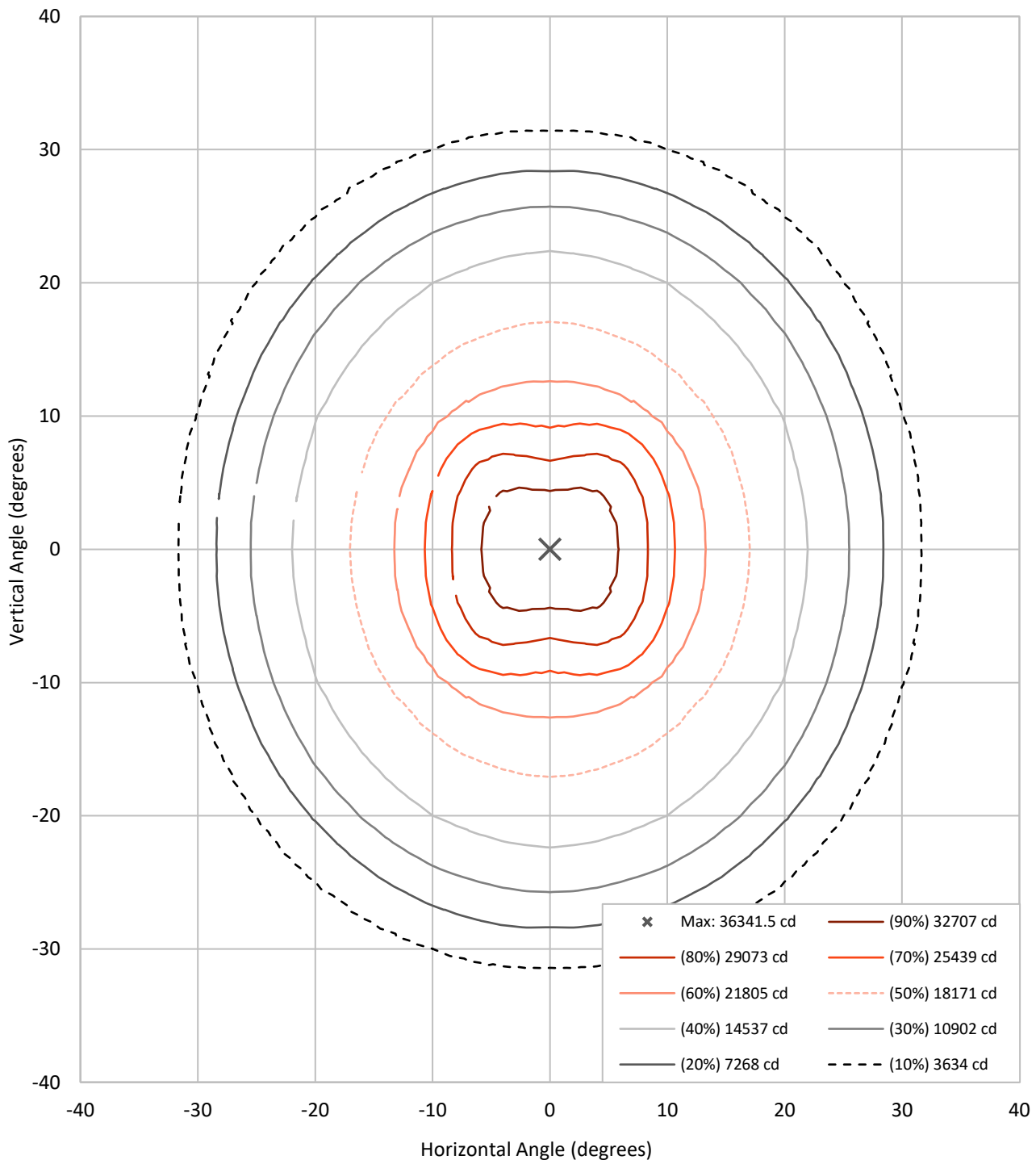
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	16076.5 lumens	Max Intensity:	36341.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6847.5 lumens	Field Lumens:	13995 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 164
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: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





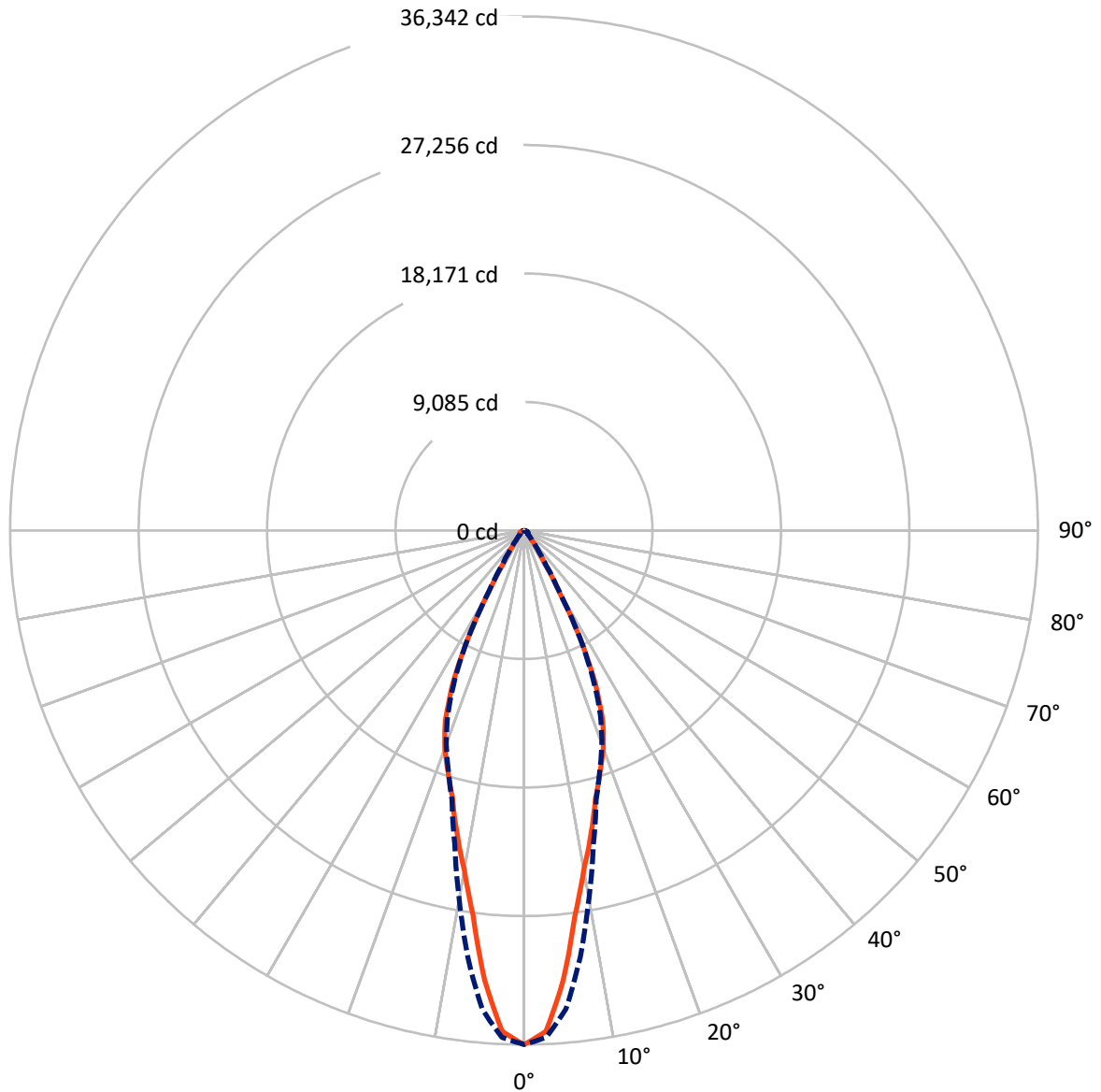
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Lumen Table

90																			
80	0.2	1.8		5.0		8.2		9.6		8.2		5.0		1.8		0.2			
70																			
60	0.8	0.9	2.1	3.5	5.2	6.7	7.8	8.5	8.5	7.8	6.7	5.2	3.5	2.1	0.9	0.8			
50		1.5	3.3	5.7	7.7	8.8	9.3	9.5	9.5	9.3	8.8	7.7	5.7	3.3	1.5				
40	1.5	2.1	4.5	6.8	8.0	9.9	12.7	14.6	14.6	12.7	9.9	8.0	6.8	4.5	2.1	1.5			
30		2.6	5.3	6.9	10.4	20.5	39.0	59.5	59.5	39.0	20.5	10.4	6.9	5.3	2.6				
20	2.1	3.1	5.5	7.7	18.8	62.5	196.7	323.9	323.9	196.7	62.5	18.8	7.7	5.5	3.1	2.1			
10		3.4	5.5	9.5	35.1	185.4	438.2	580.3	580.3	438.2	185.4	35.1	9.5	5.5	3.4				
0	2.3	3.5	5.5	11.0	53.4	292.1	569.8	899.2	899.2	569.8	292.1	53.4	11.0	5.5	3.5	2.3			
-10		3.5	5.5	11.0	53.4	292.1	569.8	899.2	899.2	569.8	292.1	53.4	11.0	5.5	3.5				
-20	2.1	3.4	5.5	9.5	35.1	185.4	438.2	580.3	580.3	438.2	185.4	35.1	9.5	5.5	3.4	2.1			
-30		3.1	5.5	7.7	18.8	62.5	196.7	323.9	323.9	196.7	62.5	18.8	7.7	5.5	3.1				
-40	1.5	2.6	5.3	6.9	10.4	20.5	39.0	59.5	59.5	39.0	20.5	10.4	6.9	5.3	2.6	1.5			
-50		2.1	4.5	6.8	8.0	9.9	12.7	14.6	14.6	12.7	9.9	8.0	6.8	4.5	2.1				
-60	0.8	1.5	3.3	5.7	7.7	8.8	9.3	9.5	9.5	9.3	8.8	7.7	5.7	3.3	1.5	0.8			
-70		0.9	2.1	3.5	5.2	6.7	7.8	8.5	8.5	7.8	6.7	5.2	3.5	2.1	0.9				
-80																			
-90	0.2	1.8		5.0		8.2		9.6		8.2		5.0		1.8		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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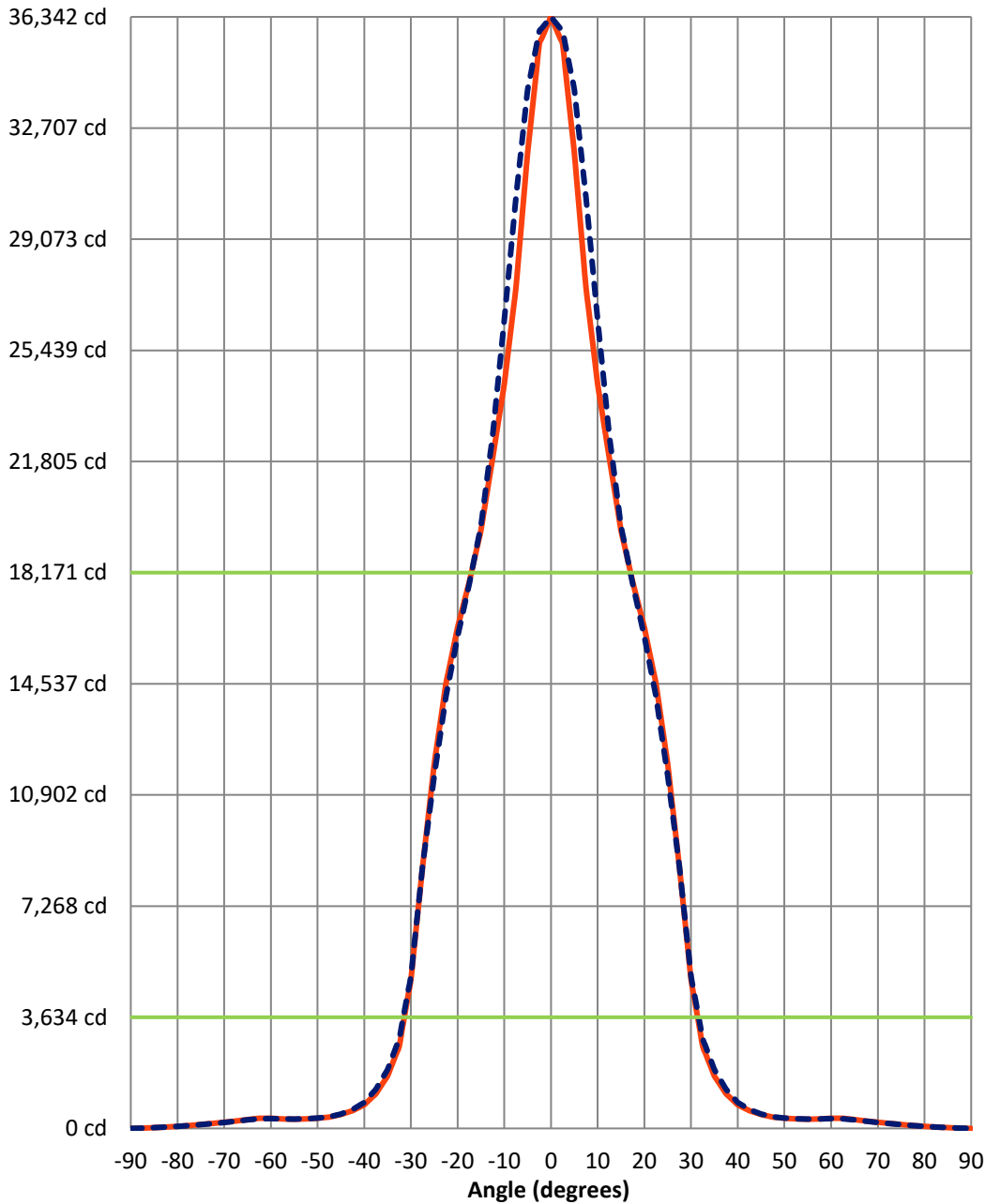
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 6847.5
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 13995
 Efficiency: 87.1%

Spill:
 Lumens: 2081.5
 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	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.6	11.5	13.3
80°	0.0	1.6	3.2	4.8	6.4	7.9	9.7	12.5	15.1	17.5	19.8
77.5°	0.0	2.0	4.0	6.0	7.9	10.4	14.0	17.4	20.6	23.6	26.6
75°	0.0	2.4	4.8	7.1	9.7	13.9	18.3	22.3	26.1	30.1	34.2
72.5°	0.0	2.8	5.5	8.3	12.4	17.3	22.5	27.2	31.9	36.8	41.7
70°	0.0	3.1	6.3	9.6	15.0	20.7	26.6	32.2	37.7	43.4	50.7
67.5°	0.0	3.5	7.0	11.5	17.7	24.0	30.8	37.1	43.4	51.7	59.9
65°	0.0	3.9	7.8	13.4	20.2	27.5	34.9	41.8	50.7	59.9	69.7
62.5°	0.0	4.2	8.5	15.2	22.7	31.0	39.0	47.6	57.9	68.4	81.0
60°	0.0	4.6	9.2	17.0	25.1	34.4	43.0	53.8	64.9	78.4	92.1
57.5°	0.0	4.9	10.4	18.8	27.9	37.8	48.1	59.8	73.2	88.2	103.4
55°	0.0	5.3	11.5	20.4	30.6	41.2	53.2	65.7	81.7	97.8	114.6
52.5°	0.0	5.6	12.6	22.1	33.3	44.6	58.1	72.8	89.9	107.4	125.4
50°	0.0	5.9	13.7	23.6	35.9	48.6	62.9	79.7	98.0	116.5	136.7
47.5°	0.0	6.2	14.8	25.3	38.5	52.4	67.7	86.4	105.7	125.3	147.8
45°	0.0	6.5	15.8	27.1	40.9	56.2	73.0	92.7	113.1	135.1	158.8
42.5°	0.0	6.8	16.8	28.9	43.3	59.7	78.2	98.8	120.2	144.6	170.0
40°	0.0	7.0	17.7	30.6	45.8	63.1	83.0	104.8	127.6	153.9	180.9
37.5°	0.0	7.3	18.6	32.3	48.4	66.4	87.5	110.5	135.3	162.8	191.2
35°	0.0	7.5	19.5	33.8	50.8	69.7	91.8	116.0	142.6	171.4	201.2
32.5°	0.0	7.8	20.3	35.2	53.2	73.1	95.8	121.2	149.5	179.6	210.8
30°	0.0	8.0	21.1	36.6	55.3	76.2	99.9	126.2	155.8	187.3	219.7
27.5°	0.0	8.2	21.8	37.7	57.2	79.0	103.8	131.4	161.9	194.4	228.0
25°	0.0	8.3	22.5	38.8	58.8	81.6	107.3	136.1	167.6	201.1	235.6
22.5°	0.0	8.5	23.1	39.8	60.4	83.8	110.6	140.3	172.9	207.3	243.3
20°	0.0	8.6	23.7	40.6	61.7	85.8	113.5	144.2	177.6	212.8	250.1
17.5°	0.0	8.8	24.2	41.3	62.9	87.5	116.1	147.5	181.7	217.8	256.1
15°	0.0	8.9	24.7	41.9	63.9	89.0	118.4	150.5	185.4	222.1	261.3
12.5°	0.0	9.0	25.1	42.4	64.7	90.2	120.3	153.0	188.4	225.7	265.6
10°	0.0	9.1	25.4	42.8	65.4	91.1	122.0	155.1	190.7	229.0	269.5
7.5°	0.0	9.1	25.7	43.0	65.9	91.9	123.2	156.7	192.5	231.7	273.4
5°	0.0	9.2	25.9	43.2	66.2	92.3	124.2	157.9	193.6	233.8	276.7
2.5°	0.0	9.2	26.1	43.2	66.3	92.5	124.7	158.6	194.2	235.2	279.1
0°	0.0	9.2	26.2	43.2	66.3	92.5	124.9	158.8	194.2	235.9	280.6
-2.5°	0.0	9.2	26.1	43.2	66.3	92.5	124.7	158.6	194.2	235.2	279.1
-5°	0.0	9.2	25.9	43.2	66.2	92.3	124.2	157.9	193.6	233.8	276.7
-7.5°	0.0	9.1	25.7	43.0	65.9	91.9	123.2	156.7	192.5	231.7	273.4
-10°	0.0	9.1	25.4	42.8	65.4	91.1	122.0	155.1	190.7	229.0	269.5
-12.5°	0.0	9.0	25.1	42.4	64.7	90.2	120.3	153.0	188.4	225.7	265.6
-15°	0.0	8.9	24.7	41.9	63.9	89.0	118.4	150.5	185.4	222.1	261.3
-17.5°	0.0	8.8	24.2	41.3	62.9	87.5	116.1	147.5	181.7	217.8	256.1
-20°	0.0	8.6	23.7	40.6	61.7	85.8	113.5	144.2	177.6	212.8	250.1



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 CATALOG NUMBER: GFLD-SA4C-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.5	23.1	39.8	60.4	83.8	110.6	140.3	172.9	207.3	243.3
-25°	0.0	8.3	22.5	38.8	58.8	81.6	107.3	136.1	167.6	201.1	235.6
-27.5°	0.0	8.2	21.8	37.7	57.2	79.0	103.8	131.4	161.9	194.4	228.0
-30°	0.0	8.0	21.1	36.6	55.3	76.2	99.9	126.2	155.8	187.3	219.7
-32.5°	0.0	7.8	20.3	35.2	53.2	73.1	95.8	121.2	149.5	179.6	210.8
-35°	0.0	7.5	19.5	33.8	50.8	69.7	91.8	116.0	142.6	171.4	201.2
-37.5°	0.0	7.3	18.6	32.3	48.4	66.4	87.5	110.5	135.3	162.8	191.2
-40°	0.0	7.0	17.7	30.6	45.8	63.1	83.0	104.8	127.6	153.9	180.9
-42.5°	0.0	6.8	16.8	28.9	43.3	59.7	78.2	98.8	120.2	144.6	170.0
-45°	0.0	6.5	15.8	27.1	40.9	56.2	73.0	92.7	113.1	135.1	158.8
-47.5°	0.0	6.2	14.8	25.3	38.5	52.4	67.7	86.4	105.7	125.3	147.8
-50°	0.0	5.9	13.7	23.6	35.9	48.6	62.9	79.7	98.0	116.5	136.7
-52.5°	0.0	5.6	12.6	22.1	33.3	44.6	58.1	72.8	89.9	107.4	125.4
-55°	0.0	5.3	11.5	20.4	30.6	41.2	53.2	65.7	81.7	97.8	114.6
-57.5°	0.0	4.9	10.4	18.8	27.9	37.8	48.1	59.8	73.2	88.2	103.4
-60°	0.0	4.6	9.2	17.0	25.1	34.4	43.0	53.8	64.9	78.4	92.1
-62.5°	0.0	4.2	8.5	15.2	22.7	31.0	39.0	47.6	57.9	68.4	81.0
-65°	0.0	3.9	7.8	13.4	20.2	27.5	34.9	41.8	50.7	59.9	69.7
-67.5°	0.0	3.5	7.0	11.5	17.7	24.0	30.8	37.1	43.4	51.7	59.9
-70°	0.0	3.1	6.3	9.6	15.0	20.7	26.6	32.2	37.7	43.4	50.7
-72.5°	0.0	2.8	5.5	8.3	12.4	17.3	22.5	27.2	31.9	36.8	41.7
-75°	0.0	2.4	4.8	7.1	9.7	13.9	18.3	22.3	26.1	30.1	34.2
-77.5°	0.0	2.0	4.0	6.0	7.9	10.4	14.0	17.4	20.6	23.6	26.6
-80°	0.0	1.6	3.2	4.8	6.4	7.9	9.7	12.5	15.1	17.5	19.8
-82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.6	11.5	13.3
-85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
85°	8.5	9.2	10.3	11.5	12.5	13.4	14.2	15.0	15.8	16.6	17.3
82.5°	15.1	16.9	18.6	20.3	21.7	22.8	24.0	25.7	27.6	29.5	31.3
80°	22.2	24.6	27.5	30.4	33.1	35.7	38.3	40.9	43.5	46.2	48.9
77.5°	30.2	34.0	37.8	41.7	45.4	49.7	54.0	58.3	62.1	65.6	68.7
75°	38.7	43.3	49.0	54.7	60.3	65.7	71.2	77.1	82.4	87.1	91.6
72.5°	47.9	54.7	61.5	68.3	76.0	83.4	90.5	97.4	103.7	109.6	115.5
70°	58.1	65.9	75.0	84.3	93.2	101.6	109.9	117.6	125.0	132.7	140.9
67.5°	68.6	79.3	89.9	100.3	110.7	120.3	129.3	139.3	149.2	158.9	168.3
65°	81.1	92.9	105.0	117.0	128.3	139.9	151.5	162.9	174.5	185.6	196.0
62.5°	93.4	107.1	120.6	133.8	147.3	160.5	174.0	187.4	200.3	213.8	226.7
60°	106.5	121.4	136.2	151.1	166.2	182.0	197.1	212.9	228.7	244.0	258.6
57.5°	119.4	135.7	151.8	168.7	186.3	203.7	221.6	239.3	257.4	274.7	289.8
55°	132.0	149.6	167.7	187.1	206.4	226.4	246.4	267.0	286.4	301.0	314.7
52.5°	144.7	163.6	184.4	205.4	227.0	249.4	272.6	292.4	308.7	321.2	324.2
50°	157.2	178.8	200.8	223.8	247.7	273.0	295.2	313.1	322.3	325.8	324.0
47.5°	170.3	193.5	217.2	242.0	268.7	292.8	313.8	322.9	327.3	322.6	316.7
45°	183.3	208.2	233.3	260.5	287.1	310.0	321.8	328.3	322.4	316.8	312.7
42.5°	195.9	222.5	249.9	278.0	302.7	318.9	326.3	322.6	317.6	313.2	314.7
40°	208.3	236.3	266.2	292.6	314.9	323.2	321.9	317.4	314.4	316.3	322.6
37.5°	220.3	250.7	281.3	306.8	318.9	322.2	316.7	313.7	315.9	323.2	337.1
35°	231.7	264.5	293.7	315.1	323.1	317.5	313.5	313.0	321.3	336.1	356.7
32.5°	243.1	277.7	305.3	318.7	320.0	313.8	310.7	317.8	330.8	350.3	385.0
30°	254.3	287.8	313.8	322.0	316.4	311.5	313.2	323.4	341.0	373.5	429.6
27.5°	264.4	297.0	316.6	320.5	313.2	309.2	316.8	332.1	357.8	401.1	481.3
25°	273.7	305.3	319.0	317.5	311.1	310.7	321.0	340.0	375.4	445.4	555.2
22.5°	281.4	312.9	321.3	314.8	309.0	313.2	327.7	354.0	401.4	487.2	632.4
20°	287.6	314.9	320.9	312.2	307.0	315.2	333.6	367.7	436.3	552.6	719.3
17.5°	293.3	316.5	318.7	310.4	308.2	318.4	339.8	380.0	467.4	608.8	802.8
15°	298.3	318.0	316.6	309.0	309.7	322.8	349.8	403.1	504.6	661.7	877.7
12.5°	302.6	319.3	314.7	307.7	310.8	326.4	358.3	424.1	541.3	719.1	997.9
10°	306.2	320.3	312.9	306.7	311.6	329.2	365.3	440.7	569.6	767.9	1098.8
7.5°	309.6	321.2	311.3	305.9	312.0	331.3	370.5	452.8	589.8	807.0	1174.2
5°	312.1	321.8	310.5	305.5	313.1	333.7	374.4	460.7	602.1	835.5	1224.8
2.5°	313.7	322.1	310.0	305.3	314.7	336.8	377.7	467.4	613.0	849.6	1260.7
0°	314.5	322.2	309.8	305.2	316.0	339.1	379.2	470.2	618.2	849.4	1282.5
-2.5°	313.7	322.1	310.0	305.3	314.7	336.8	377.7	467.4	613.0	849.6	1260.7
-5°	312.1	321.8	310.5	305.5	313.1	333.7	374.4	460.7	602.1	835.5	1224.8
-7.5°	309.6	321.2	311.3	305.9	312.0	331.3	370.5	452.8	589.8	807.0	1174.2
-10°	306.2	320.3	312.9	306.7	311.6	329.2	365.3	440.7	569.6	767.9	1098.8
-12.5°	302.6	319.3	314.7	307.7	310.8	326.4	358.3	424.1	541.3	719.1	997.9
-15°	298.3	318.0	316.6	309.0	309.7	322.8	349.8	403.1	504.6	661.7	877.7
-17.5°	293.3	316.5	318.7	310.4	308.2	318.4	339.8	380.0	467.4	608.8	802.8
-20°	287.6	314.9	320.9	312.2	307.0	315.2	333.6	367.7	436.3	552.6	719.3



REPORT NUMBER: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	281.4	312.9	321.3	314.8	309.0	313.2	327.7	354.0	401.4	487.2	632.4
-25°	273.7	305.3	319.0	317.5	311.1	310.7	321.0	340.0	375.4	445.4	555.2
-27.5°	264.4	297.0	316.6	320.5	313.2	309.2	316.8	332.1	357.8	401.1	481.3
-30°	254.3	287.8	313.8	322.0	316.4	311.5	313.2	323.4	341.0	373.5	429.6
-32.5°	243.1	277.7	305.3	318.7	320.0	313.8	310.7	317.8	330.8	350.3	385.0
-35°	231.7	264.5	293.7	315.1	323.1	317.5	313.5	313.0	321.3	336.1	356.7
-37.5°	220.3	250.7	281.3	306.8	318.9	322.2	316.7	313.7	315.9	323.2	337.1
-40°	208.3	236.3	266.2	292.6	314.9	323.2	321.9	317.4	314.4	316.3	322.6
-42.5°	195.9	222.5	249.9	278.0	302.7	318.9	326.3	322.6	317.6	313.2	314.7
-45°	183.3	208.2	233.3	260.5	287.1	310.0	321.8	328.3	322.4	316.8	312.7
-47.5°	170.3	193.5	217.2	242.0	268.7	292.8	313.8	322.9	327.3	322.6	316.7
-50°	157.2	178.8	200.8	223.8	247.7	273.0	295.2	313.1	322.3	325.8	324.0
-52.5°	144.7	163.6	184.4	205.4	227.0	249.4	272.6	292.4	308.7	321.2	324.2
-55°	132.0	149.6	167.7	187.1	206.4	226.4	246.4	267.0	286.4	301.0	314.7
-57.5°	119.4	135.7	151.8	168.7	186.3	203.7	221.6	239.3	257.4	274.7	289.8
-60°	106.5	121.4	136.2	151.1	166.2	182.0	197.1	212.9	228.7	244.0	258.6
-62.5°	93.4	107.1	120.6	133.8	147.3	160.5	174.0	187.4	200.3	213.8	226.7
-65°	81.1	92.9	105.0	117.0	128.3	139.9	151.5	162.9	174.5	185.6	196.0
-67.5°	68.6	79.3	89.9	100.3	110.7	120.3	129.3	139.3	149.2	158.9	168.3
-70°	58.1	65.9	75.0	84.3	93.2	101.6	109.9	117.6	125.0	132.7	140.9
-72.5°	47.9	54.7	61.5	68.3	76.0	83.4	90.5	97.4	103.7	109.6	115.5
-75°	38.7	43.3	49.0	54.7	60.3	65.7	71.2	77.1	82.4	87.1	91.6
-77.5°	30.2	34.0	37.8	41.7	45.4	49.7	54.0	58.3	62.1	65.6	68.7
-80°	22.2	24.6	27.5	30.4	33.1	35.7	38.3	40.9	43.5	46.2	48.9
-82.5°	15.1	16.9	18.6	20.3	21.7	22.8	24.0	25.7	27.6	29.5	31.3
-85°	8.5	9.2	10.3	11.5	12.5	13.4	14.2	15.0	15.8	16.6	17.3
-87.5°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	7.4	7.3	7.2	7.0	7.1	7.2	7.3	7.4	7.9	8.3
85°	18.1	18.9	19.7	20.6	21.5	22.1	22.6	23.1	23.5	23.9	24.2
82.5°	32.9	34.7	36.3	37.7	39.0	40.1	41.1	41.9	42.6	43.3	43.8
80°	51.4	53.7	55.7	57.5	59.1	60.5	61.6	62.6	63.4	64.9	66.4
77.5°	72.0	75.2	78.1	80.8	83.3	85.7	87.9	90.0	91.8	93.2	94.2
75°	95.8	99.8	103.9	107.6	111.0	114.5	117.9	121.0	123.9	125.8	127.1
72.5°	121.4	126.8	131.8	136.5	140.8	145.0	149.3	153.1	156.5	159.1	161.1
70°	148.8	155.8	161.7	167.0	172.3	177.7	182.9	187.5	191.4	194.6	197.2
67.5°	177.1	185.3	192.5	199.6	206.6	213.3	219.6	225.5	230.9	235.0	237.8
65°	206.1	216.6	226.2	234.9	242.7	250.2	258.1	265.4	272.0	277.4	281.6
62.5°	239.0	250.8	261.6	271.3	280.1	287.0	294.6	301.5	307.6	313.3	319.0
60°	272.5	285.7	295.2	303.5	311.1	317.8	320.4	322.9	324.9	326.8	329.0
57.5°	301.8	313.1	321.3	323.2	324.8	326.3	325.4	322.7	320.0	317.2	315.1
55°	322.2	325.4	329.0	326.2	321.7	317.5	313.8	311.2	308.8	306.7	304.8
52.5°	327.6	324.5	320.8	316.6	313.5	310.3	307.0	307.6	308.6	309.3	309.7
50°	319.7	316.0	314.0	311.6	312.0	313.6	314.9	317.9	321.8	324.5	326.7
47.5°	313.5	311.1	314.2	318.1	321.7	328.4	334.2	340.0	349.0	356.1	361.7
45°	311.8	317.6	323.7	333.3	341.7	356.2	369.9	381.4	402.7	422.2	437.5
42.5°	320.7	330.7	341.7	360.3	380.3	406.1	439.2	467.2	500.0	530.6	552.7
40°	335.2	350.0	374.7	404.6	451.6	493.3	548.2	595.1	639.2	685.8	720.9
37.5°	356.1	383.7	429.9	483.8	555.0	623.4	699.0	772.4	834.9	929.5	1003.6
35°	387.2	443.1	508.6	598.6	691.6	796.5	907.0	1049.4	1174.8	1321.9	1460.2
32.5°	443.8	519.5	622.2	743.9	867.5	1048.5	1219.2	1450.6	1658.5	1918.0	2197.1
30°	510.0	622.9	761.0	919.9	1143.8	1392.8	1673.4	2028.3	2450.0	2952.1	3626.0
27.5°	601.3	746.3	919.9	1177.5	1495.2	1828.8	2326.5	2923.1	4010.2	4957.6	6213.2
25°	699.6	876.7	1151.4	1497.5	1915.5	2516.3	3489.3	4730.6	6488.8	8170.0	9514.0
22.5°	813.0	1071.7	1418.3	1849.1	2525.6	3688.8	5199.6	7385.6	9346.1	11041.8	12347.7
20°	938.5	1262.9	1728.8	2387.1	3539.3	5242.8	7668.0	9911.5	11914.0	13373.7	14527.5
17.5°	1101.0	1524.8	2116.0	3024.4	4792.7	7417.8	9917.9	12135.4	13877.8	15160.3	16183.1
15°	1252.7	1765.9	2532.0	4081.9	6495.5	9301.1	11863.8	13842.0	15349.8	16543.2	17462.9
12.5°	1431.8	2036.7	3018.3	4995.5	8061.3	10855.0	13245.5	15092.7	16544.6	17663.3	18895.8
10°	1591.3	2328.0	3715.1	6213.0	9347.1	12076.1	14397.6	16057.6	17513.6	18971.3	20819.5
7.5°	1723.0	2572.6	4286.6	7240.3	10334.3	12979.4	15094.3	16752.9	18357.6	20304.6	22970.3
5°	1827.6	2756.9	4756.7	8015.8	11052.0	13624.1	15626.4	17307.7	19120.2	21724.7	25302.0
2.5°	1897.6	2877.8	5050.6	8484.4	11504.8	13993.9	16020.9	17670.5	19570.8	22519.7	26257.2
0°	1925.4	2933.5	4976.0	8569.3	11532.1	14114.2	16079.6	17806.2	19699.1	22652.7	26432.5
-2.5°	1897.6	2877.8	5050.6	8484.4	11504.8	13993.9	16020.9	17670.5	19570.8	22519.7	26257.2
-5°	1827.6	2756.9	4756.7	8015.8	11052.0	13624.1	15626.4	17307.7	19120.2	21724.7	25302.0
-7.5°	1723.0	2572.6	4286.6	7240.3	10334.3	12979.4	15094.3	16752.9	18357.6	20304.6	22970.3
-10°	1591.3	2328.0	3715.1	6213.0	9347.1	12076.1	14397.6	16057.6	17513.6	18971.3	20819.5
-12.5°	1431.8	2036.7	3018.3	4995.5	8061.3	10855.0	13245.5	15092.7	16544.6	17663.3	18895.8
-15°	1252.7	1765.9	2532.0	4081.9	6495.5	9301.1	11863.8	13842.0	15349.8	16543.2	17462.9
-17.5°	1101.0	1524.8	2116.0	3024.4	4792.7	7417.8	9917.9	12135.4	13877.8	15160.3	16183.1
-20°	938.5	1262.9	1728.8	2387.1	3539.3	5242.8	7668.0	9911.5	11914.0	13373.7	14527.5



REPORT NUMBER: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	813.0	1071.7	1418.3	1849.1	2525.6	3688.8	5199.6	7385.6	9346.1	11041.8	12347.7
-25°	699.6	876.7	1151.4	1497.5	1915.5	2516.3	3489.3	4730.6	6488.8	8170.0	9514.0
-27.5°	601.3	746.3	919.9	1177.5	1495.2	1828.8	2326.5	2923.1	4010.2	4957.6	6213.2
-30°	510.0	622.9	761.0	919.9	1143.8	1392.8	1673.4	2028.3	2450.0	2952.1	3626.0
-32.5°	443.8	519.5	622.2	743.9	867.5	1048.5	1219.2	1450.6	1658.5	1918.0	2197.1
-35°	387.2	443.1	508.6	598.6	691.6	796.5	907.0	1049.4	1174.8	1321.9	1460.2
-37.5°	356.1	383.7	429.9	483.8	555.0	623.4	699.0	772.4	834.9	929.5	1003.6
-40°	335.2	350.0	374.7	404.6	451.6	493.3	548.2	595.1	639.2	685.8	720.9
-42.5°	320.7	330.7	341.7	360.3	380.3	406.1	439.2	467.2	500.0	530.6	552.7
-45°	311.8	317.6	323.7	333.3	341.7	356.2	369.9	381.4	402.7	422.2	437.5
-47.5°	313.5	311.1	314.2	318.1	321.7	328.4	334.2	340.0	349.0	356.1	361.7
-50°	319.7	316.0	314.0	311.6	312.0	313.6	314.9	317.9	321.8	324.5	326.7
-52.5°	327.6	324.5	320.8	316.6	313.5	310.3	307.0	307.6	308.6	309.3	309.7
-55°	322.2	325.4	329.0	326.2	321.7	317.5	313.8	311.2	308.8	306.7	304.8
-57.5°	301.8	313.1	321.3	323.2	324.8	326.3	325.4	322.7	320.0	317.2	315.1
-60°	272.5	285.7	295.2	303.5	311.1	317.8	320.4	322.9	324.9	326.8	329.0
-62.5°	239.0	250.8	261.6	271.3	280.1	287.0	294.6	301.5	307.6	313.3	319.0
-65°	206.1	216.6	226.2	234.9	242.7	250.2	258.1	265.4	272.0	277.4	281.6
-67.5°	177.1	185.3	192.5	199.6	206.6	213.3	219.6	225.5	230.9	235.0	237.8
-70°	148.8	155.8	161.7	167.0	172.3	177.7	182.9	187.5	191.4	194.6	197.2
-72.5°	121.4	126.8	131.8	136.5	140.8	145.0	149.3	153.1	156.5	159.1	161.1
-75°	95.8	99.8	103.9	107.6	111.0	114.5	117.9	121.0	123.9	125.8	127.1
-77.5°	72.0	75.2	78.1	80.8	83.3	85.7	87.9	90.0	91.8	93.2	94.2
-80°	51.4	53.7	55.7	57.5	59.1	60.5	61.6	62.6	63.4	64.9	66.4
-82.5°	32.9	34.7	36.3	37.7	39.0	40.1	41.1	41.9	42.6	43.3	43.8
-85°	18.1	18.9	19.7	20.6	21.5	22.1	22.6	23.1	23.5	23.9	24.2
-87.5°	7.5	7.4	7.3	7.2	7.0	7.1	7.2	7.3	7.4	7.9	8.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.7	9.2	9.2	9.2	9.2	9.2	8.7	8.3	7.9	7.4	7.3
85°	24.4	24.6	25.4	26.2	25.4	24.6	24.4	24.2	23.9	23.5	23.1
82.5°	44.2	44.5	44.6	44.7	44.6	44.5	44.2	43.8	43.3	42.6	41.9
80°	67.8	69.0	68.5	67.8	68.5	69.0	67.8	66.4	64.9	63.4	62.6
77.5°	94.8	95.1	94.7	94.0	94.7	95.1	94.8	94.2	93.2	91.8	90.0
75°	128.1	128.7	129.3	129.5	129.3	128.7	128.1	127.1	125.8	123.9	121.0
72.5°	162.7	163.9	163.9	163.4	163.9	163.9	162.7	161.1	159.1	156.5	153.1
70°	199.3	200.7	201.6	201.9	201.6	200.7	199.3	197.2	194.6	191.4	187.5
67.5°	239.6	240.7	241.6	242.0	241.6	240.7	239.6	237.8	235.0	230.9	225.5
65°	285.1	287.8	288.6	288.3	288.6	287.8	285.1	281.6	277.4	272.0	265.4
62.5°	324.3	329.0	330.9	331.4	330.9	329.0	324.3	319.0	313.3	307.6	301.5
60°	330.9	332.5	333.0	333.0	333.0	332.5	330.9	329.0	326.8	324.9	322.9
57.5°	313.0	311.2	310.1	309.8	310.1	311.2	313.0	315.1	317.2	320.0	322.7
55°	303.1	301.5	300.7	300.6	300.7	301.5	303.1	304.8	306.7	308.8	311.2
52.5°	309.8	309.6	310.2	311.4	310.2	309.6	309.8	309.7	309.3	308.6	307.6
50°	328.7	330.1	331.6	333.0	331.6	330.1	328.7	326.7	324.5	321.8	317.9
47.5°	365.8	367.9	369.2	370.0	369.2	367.9	365.8	361.7	356.1	349.0	340.0
45°	447.5	452.9	455.5	456.3	455.5	452.9	447.5	437.5	422.2	402.7	381.4
42.5°	567.4	575.5	578.9	579.6	578.9	575.5	567.4	552.7	530.6	500.0	467.2
40°	746.1	760.4	767.4	772.3	767.4	760.4	746.1	720.9	685.8	639.2	595.1
37.5°	1059.0	1095.0	1115.4	1133.0	1115.4	1095.0	1059.0	1003.6	929.5	834.9	772.4
35°	1572.7	1655.1	1703.6	1714.2	1703.6	1655.1	1572.7	1460.2	1321.9	1174.8	1049.4
32.5°	2411.9	2573.5	2670.2	2682.3	2670.2	2573.5	2411.9	2197.1	1918.0	1658.5	1450.6
30°	4149.0	4602.0	4912.4	4869.7	4912.4	4602.0	4149.0	3626.0	2952.1	2450.0	2028.3
27.5°	7241.8	8063.2	8596.7	8552.4	8596.7	8063.2	7241.8	6213.2	4957.6	4010.2	2923.1
25°	10547.3	11303.4	11749.6	11914.4	11749.6	11303.4	10547.3	9514.0	8170.0	6488.8	4730.6
22.5°	13246.6	13922.6	14308.6	14539.7	14308.6	13922.6	13246.6	12347.7	11041.8	9346.1	7385.6
20°	15314.8	15901.0	16233.0	16375.6	16233.0	15901.0	15314.8	14527.5	13373.7	11914.0	9911.5
17.5°	16905.9	17396.6	17772.5	17869.4	17772.5	17396.6	16905.9	16183.1	15160.3	13877.8	12135.4
15°	18313.3	18947.1	19390.4	19555.8	19390.4	18947.1	18313.3	17462.9	16543.2	15349.8	13842.0
12.5°	20087.9	21190.2	21776.2	21911.2	21776.2	21190.2	20087.9	18895.8	17663.3	16544.6	15092.7
10°	22711.1	24405.3	24597.4	24334.5	24597.4	24405.3	22711.1	20819.5	18971.3	17513.6	16057.6
7.5°	26531.4	28790.5	28302.0	27488.5	28302.0	28790.5	26531.4	22970.3	20304.6	18357.6	16752.9
5°	29265.3	32401.8	32499.2	31901.9	32499.2	32401.8	29265.3	25302.0	21724.7	19120.2	17307.7
2.5°	30353.6	33582.4	35189.4	35452.8	35189.4	33582.4	30353.6	26257.2	22519.7	19570.8	17670.5
0°	30435.1	33962.9	35868.2	36341.5	35868.2	33962.9	30435.1	26432.5	22652.7	19699.1	17806.2
-2.5°	30353.6	33582.4	35189.4	35452.8	35189.4	33582.4	30353.6	26257.2	22519.7	19570.8	17670.5
-5°	29265.3	32401.8	32499.2	31901.9	32499.2	32401.8	29265.3	25302.0	21724.7	19120.2	17307.7
-7.5°	26531.4	28790.5	28302.0	27488.5	28302.0	28790.5	26531.4	22970.3	20304.6	18357.6	16752.9
-10°	22711.1	24405.3	24597.4	24334.5	24597.4	24405.3	22711.1	20819.5	18971.3	17513.6	16057.6
-12.5°	20087.9	21190.2	21776.2	21911.2	21776.2	21190.2	20087.9	18895.8	17663.3	16544.6	15092.7
-15°	18313.3	18947.1	19390.4	19555.8	19390.4	18947.1	18313.3	17462.9	16543.2	15349.8	13842.0
-17.5°	16905.9	17396.6	17772.5	17869.4	17772.5	17396.6	16905.9	16183.1	15160.3	13877.8	12135.4
-20°	15314.8	15901.0	16233.0	16375.6	16233.0	15901.0	15314.8	14527.5	13373.7	11914.0	9911.5



REPORT NUMBER: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13246.6	13922.6	14308.6	14539.7	14308.6	13922.6	13246.6	12347.7	11041.8	9346.1	7385.6
-25°	10547.3	11303.4	11749.6	11914.4	11749.6	11303.4	10547.3	9514.0	8170.0	6488.8	4730.6
-27.5°	7241.8	8063.2	8596.7	8552.4	8596.7	8063.2	7241.8	6213.2	4957.6	4010.2	2923.1
-30°	4149.0	4602.0	4912.4	4869.7	4912.4	4602.0	4149.0	3626.0	2952.1	2450.0	2028.3
-32.5°	2411.9	2573.5	2670.2	2682.3	2670.2	2573.5	2411.9	2197.1	1918.0	1658.5	1450.6
-35°	1572.7	1655.1	1703.6	1714.2	1703.6	1655.1	1572.7	1460.2	1321.9	1174.8	1049.4
-37.5°	1059.0	1095.0	1115.4	1133.0	1115.4	1095.0	1059.0	1003.6	929.5	834.9	772.4
-40°	746.1	760.4	767.4	772.3	767.4	760.4	746.1	720.9	685.8	639.2	595.1
-42.5°	567.4	575.5	578.9	579.6	578.9	575.5	567.4	552.7	530.6	500.0	467.2
-45°	447.5	452.9	455.5	456.3	455.5	452.9	447.5	437.5	422.2	402.7	381.4
-47.5°	365.8	367.9	369.2	370.0	369.2	367.9	365.8	361.7	356.1	349.0	340.0
-50°	328.7	330.1	331.6	333.0	331.6	330.1	328.7	326.7	324.5	321.8	317.9
-52.5°	309.8	309.6	310.2	311.4	310.2	309.6	309.8	309.7	309.3	308.6	307.6
-55°	303.1	301.5	300.7	300.6	300.7	301.5	303.1	304.8	306.7	308.8	311.2
-57.5°	313.0	311.2	310.1	309.8	310.1	311.2	313.0	315.1	317.2	320.0	322.7
-60°	330.9	332.5	333.0	333.0	333.0	332.5	330.9	329.0	326.8	324.9	322.9
-62.5°	324.3	329.0	330.9	331.4	330.9	329.0	324.3	319.0	313.3	307.6	301.5
-65°	285.1	287.8	288.6	288.3	288.6	287.8	285.1	281.6	277.4	272.0	265.4
-67.5°	239.6	240.7	241.6	242.0	241.6	240.7	239.6	237.8	235.0	230.9	225.5
-70°	199.3	200.7	201.6	201.9	201.6	200.7	199.3	197.2	194.6	191.4	187.5
-72.5°	162.7	163.9	163.9	163.4	163.9	163.9	162.7	161.1	159.1	156.5	153.1
-75°	128.1	128.7	129.3	129.5	129.3	128.7	128.1	127.1	125.8	123.9	121.0
-77.5°	94.8	95.1	94.7	94.0	94.7	95.1	94.8	94.2	93.2	91.8	90.0
-80°	67.8	69.0	68.5	67.8	68.5	69.0	67.8	66.4	64.9	63.4	62.6
-82.5°	44.2	44.5	44.6	44.7	44.6	44.5	44.2	43.8	43.3	42.6	41.9
-85°	24.4	24.6	25.4	26.2	25.4	24.6	24.4	24.2	23.9	23.5	23.1
-87.5°	8.7	9.2	9.2	9.2	9.2	9.2	8.7	8.3	7.9	7.4	7.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	7.2	7.1	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
85°	22.6	22.1	21.5	20.6	19.7	18.9	18.1	17.3	16.6	15.8	15.0
82.5°	41.1	40.1	39.0	37.7	36.3	34.7	32.9	31.3	29.5	27.6	25.7
80°	61.6	60.5	59.1	57.5	55.7	53.7	51.4	48.9	46.2	43.5	40.9
77.5°	87.9	85.7	83.3	80.8	78.1	75.2	72.0	68.7	65.6	62.1	58.3
75°	117.9	114.5	111.0	107.6	103.9	99.8	95.8	91.6	87.1	82.4	77.1
72.5°	149.3	145.0	140.8	136.5	131.8	126.8	121.4	115.5	109.6	103.7	97.4
70°	182.9	177.7	172.3	167.0	161.7	155.8	148.8	140.9	132.7	125.0	117.6
67.5°	219.6	213.3	206.6	199.6	192.5	185.3	177.1	168.3	158.9	149.2	139.3
65°	258.1	250.2	242.7	234.9	226.2	216.6	206.1	196.0	185.6	174.5	162.9
62.5°	294.6	287.0	280.1	271.3	261.6	250.8	239.0	226.7	213.8	200.3	187.4
60°	320.4	317.8	311.1	303.5	295.2	285.7	272.5	258.6	244.0	228.7	212.9
57.5°	325.4	326.3	324.8	323.2	321.3	313.1	301.8	289.8	274.7	257.4	239.3
55°	313.8	317.5	321.7	326.2	329.0	325.4	322.2	314.7	301.0	286.4	267.0
52.5°	307.0	310.3	313.5	316.6	320.8	324.5	327.6	324.2	321.2	308.7	292.4
50°	314.9	313.6	312.0	311.6	314.0	316.0	319.7	324.0	325.8	322.3	313.1
47.5°	334.2	328.4	321.7	318.1	314.2	311.1	313.5	316.7	322.6	327.3	322.9
45°	369.9	356.2	341.7	333.3	323.7	317.6	311.8	312.7	316.8	322.4	328.3
42.5°	439.2	406.1	380.3	360.3	341.7	330.7	320.7	314.7	313.2	317.6	322.6
40°	548.2	493.3	451.6	404.6	374.7	350.0	335.2	322.6	316.3	314.4	317.4
37.5°	699.0	623.4	555.0	483.8	429.9	383.7	356.1	337.1	323.2	315.9	313.7
35°	907.0	796.5	691.6	598.6	508.6	443.1	387.2	356.7	336.1	321.3	313.0
32.5°	1219.2	1048.5	867.5	743.9	622.2	519.5	443.8	385.0	350.3	330.8	317.8
30°	1673.4	1392.8	1143.8	919.9	761.0	622.9	510.0	429.6	373.5	341.0	323.4
27.5°	2326.5	1828.8	1495.2	1177.5	919.9	746.3	601.3	481.3	401.1	357.8	332.1
25°	3489.3	2516.3	1915.5	1497.5	1151.4	876.7	699.6	555.2	445.4	375.4	340.0
22.5°	5199.6	3688.8	2525.6	1849.1	1418.3	1071.7	813.0	632.4	487.2	401.4	354.0
20°	7668.0	5242.8	3539.3	2387.1	1728.8	1262.9	938.5	719.3	552.6	436.3	367.7
17.5°	9917.9	7417.8	4792.7	3024.4	2116.0	1524.8	1101.0	802.8	608.8	467.4	380.0
15°	11863.8	9301.1	6495.5	4081.9	2532.0	1765.9	1252.7	877.7	661.7	504.6	403.1
12.5°	13245.5	10855.0	8061.3	4995.5	3018.3	2036.7	1431.8	997.9	719.1	541.3	424.1
10°	14397.6	12076.1	9347.1	6213.0	3715.1	2328.0	1591.3	1098.8	767.9	569.6	440.7
7.5°	15094.3	12979.4	10334.3	7240.3	4286.6	2572.6	1723.0	1174.2	807.0	589.8	452.8
5°	15626.4	13624.1	11052.0	8015.8	4756.7	2756.9	1827.6	1224.8	835.5	602.1	460.7
2.5°	16020.9	13993.9	11504.8	8484.4	5050.6	2877.8	1897.6	1260.7	849.6	613.0	467.4
0°	16079.6	14114.2	11532.1	8569.3	4976.0	2933.5	1925.4	1282.5	849.4	618.2	470.2
-2.5°	16020.9	13993.9	11504.8	8484.4	5050.6	2877.8	1897.6	1260.7	849.6	613.0	467.4
-5°	15626.4	13624.1	11052.0	8015.8	4756.7	2756.9	1827.6	1224.8	835.5	602.1	460.7
-7.5°	15094.3	12979.4	10334.3	7240.3	4286.6	2572.6	1723.0	1174.2	807.0	589.8	452.8
-10°	14397.6	12076.1	9347.1	6213.0	3715.1	2328.0	1591.3	1098.8	767.9	569.6	440.7
-12.5°	13245.5	10855.0	8061.3	4995.5	3018.3	2036.7	1431.8	997.9	719.1	541.3	424.1
-15°	11863.8	9301.1	6495.5	4081.9	2532.0	1765.9	1252.7	877.7	661.7	504.6	403.1
-17.5°	9917.9	7417.8	4792.7	3024.4	2116.0	1524.8	1101.0	802.8	608.8	467.4	380.0
-20°	7668.0	5242.8	3539.3	2387.1	1728.8	1262.9	938.5	719.3	552.6	436.3	367.7



REPORT NUMBER: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5199.6	3688.8	2525.6	1849.1	1418.3	1071.7	813.0	632.4	487.2	401.4	354.0
-25°	3489.3	2516.3	1915.5	1497.5	1151.4	876.7	699.6	555.2	445.4	375.4	340.0
-27.5°	2326.5	1828.8	1495.2	1177.5	919.9	746.3	601.3	481.3	401.1	357.8	332.1
-30°	1673.4	1392.8	1143.8	919.9	761.0	622.9	510.0	429.6	373.5	341.0	323.4
-32.5°	1219.2	1048.5	867.5	743.9	622.2	519.5	443.8	385.0	350.3	330.8	317.8
-35°	907.0	796.5	691.6	598.6	508.6	443.1	387.2	356.7	336.1	321.3	313.0
-37.5°	699.0	623.4	555.0	483.8	429.9	383.7	356.1	337.1	323.2	315.9	313.7
-40°	548.2	493.3	451.6	404.6	374.7	350.0	335.2	322.6	316.3	314.4	317.4
-42.5°	439.2	406.1	380.3	360.3	341.7	330.7	320.7	314.7	313.2	317.6	322.6
-45°	369.9	356.2	341.7	333.3	323.7	317.6	311.8	312.7	316.8	322.4	328.3
-47.5°	334.2	328.4	321.7	318.1	314.2	311.1	313.5	316.7	322.6	327.3	322.9
-50°	314.9	313.6	312.0	311.6	314.0	316.0	319.7	324.0	325.8	322.3	313.1
-52.5°	307.0	310.3	313.5	316.6	320.8	324.5	327.6	324.2	321.2	308.7	292.4
-55°	313.8	317.5	321.7	326.2	329.0	325.4	322.2	314.7	301.0	286.4	267.0
-57.5°	325.4	326.3	324.8	323.2	321.3	313.1	301.8	289.8	274.7	257.4	239.3
-60°	320.4	317.8	311.1	303.5	295.2	285.7	272.5	258.6	244.0	228.7	212.9
-62.5°	294.6	287.0	280.1	271.3	261.6	250.8	239.0	226.7	213.8	200.3	187.4
-65°	258.1	250.2	242.7	234.9	226.2	216.6	206.1	196.0	185.6	174.5	162.9
-67.5°	219.6	213.3	206.6	199.6	192.5	185.3	177.1	168.3	158.9	149.2	139.3
-70°	182.9	177.7	172.3	167.0	161.7	155.8	148.8	140.9	132.7	125.0	117.6
-72.5°	149.3	145.0	140.8	136.5	131.8	126.8	121.4	115.5	109.6	103.7	97.4
-75°	117.9	114.5	111.0	107.6	103.9	99.8	95.8	91.6	87.1	82.4	77.1
-77.5°	87.9	85.7	83.3	80.8	78.1	75.2	72.0	68.7	65.6	62.1	58.3
-80°	61.6	60.5	59.1	57.5	55.7	53.7	51.4	48.9	46.2	43.5	40.9
-82.5°	41.1	40.1	39.0	37.7	36.3	34.7	32.9	31.3	29.5	27.6	25.7
-85°	22.6	22.1	21.5	20.6	19.7	18.9	18.1	17.3	16.6	15.8	15.0
-87.5°	7.2	7.1	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
85°	14.2	13.4	12.5	11.5	10.3	9.2	8.5	7.8	7.0	6.3	5.5
82.5°	24.0	22.8	21.7	20.3	18.6	16.9	15.1	13.3	11.5	9.6	8.3
80°	38.3	35.7	33.1	30.4	27.5	24.6	22.2	19.8	17.5	15.1	12.5
77.5°	54.0	49.7	45.4	41.7	37.8	34.0	30.2	26.6	23.6	20.6	17.4
75°	71.2	65.7	60.3	54.7	49.0	43.3	38.7	34.2	30.1	26.1	22.3
72.5°	90.5	83.4	76.0	68.3	61.5	54.7	47.9	41.7	36.8	31.9	27.2
70°	109.9	101.6	93.2	84.3	75.0	65.9	58.1	50.7	43.4	37.7	32.2
67.5°	129.3	120.3	110.7	100.3	89.9	79.3	68.6	59.9	51.7	43.4	37.1
65°	151.5	139.9	128.3	117.0	105.0	92.9	81.1	69.7	59.9	50.7	41.8
62.5°	174.0	160.5	147.3	133.8	120.6	107.1	93.4	81.0	68.4	57.9	47.6
60°	197.1	182.0	166.2	151.1	136.2	121.4	106.5	92.1	78.4	64.9	53.8
57.5°	221.6	203.7	186.3	168.7	151.8	135.7	119.4	103.4	88.2	73.2	59.8
55°	246.4	226.4	206.4	187.1	167.7	149.6	132.0	114.6	97.8	81.7	65.7
52.5°	272.6	249.4	227.0	205.4	184.4	163.6	144.7	125.4	107.4	89.9	72.8
50°	295.2	273.0	247.7	223.8	200.8	178.8	157.2	136.7	116.5	98.0	79.7
47.5°	313.8	292.8	268.7	242.0	217.2	193.5	170.3	147.8	125.3	105.7	86.4
45°	321.8	310.0	287.1	260.5	233.3	208.2	183.3	158.8	135.1	113.1	92.7
42.5°	326.3	318.9	302.7	278.0	249.9	222.5	195.9	170.0	144.6	120.2	98.8
40°	321.9	323.2	314.9	292.6	266.2	236.3	208.3	180.9	153.9	127.6	104.8
37.5°	316.7	322.2	318.9	306.8	281.3	250.7	220.3	191.2	162.8	135.3	110.5
35°	313.5	317.5	323.1	315.1	293.7	264.5	231.7	201.2	171.4	142.6	116.0
32.5°	310.7	313.8	320.0	318.7	305.3	277.7	243.1	210.8	179.6	149.5	121.2
30°	313.2	311.5	316.4	322.0	313.8	287.8	254.3	219.7	187.3	155.8	126.2
27.5°	316.8	309.2	313.2	320.5	316.6	297.0	264.4	228.0	194.4	161.9	131.4
25°	321.0	310.7	311.1	317.5	319.0	305.3	273.7	235.6	201.1	167.6	136.1
22.5°	327.7	313.2	309.0	314.8	321.3	312.9	281.4	243.3	207.3	172.9	140.3
20°	333.6	315.2	307.0	312.2	320.9	314.9	287.6	250.1	212.8	177.6	144.2
17.5°	339.8	318.4	308.2	310.4	318.7	316.5	293.3	256.1	217.8	181.7	147.5
15°	349.8	322.8	309.7	309.0	316.6	318.0	298.3	261.3	222.1	185.4	150.5
12.5°	358.3	326.4	310.8	307.7	314.7	319.3	302.6	265.6	225.7	188.4	153.0
10°	365.3	329.2	311.6	306.7	312.9	320.3	306.2	269.5	229.0	190.7	155.1
7.5°	370.5	331.3	312.0	305.9	311.3	321.2	309.6	273.4	231.7	192.5	156.7
5°	374.4	333.7	313.1	305.5	310.5	321.8	312.1	276.7	233.8	193.6	157.9
2.5°	377.7	336.8	314.7	305.3	310.0	322.1	313.7	279.1	235.2	194.2	158.6
0°	379.2	339.1	316.0	305.2	309.8	322.2	314.5	280.6	235.9	194.2	158.8
-2.5°	377.7	336.8	314.7	305.3	310.0	322.1	313.7	279.1	235.2	194.2	158.6
-5°	374.4	333.7	313.1	305.5	310.5	321.8	312.1	276.7	233.8	193.6	157.9
-7.5°	370.5	331.3	312.0	305.9	311.3	321.2	309.6	273.4	231.7	192.5	156.7
-10°	365.3	329.2	311.6	306.7	312.9	320.3	306.2	269.5	229.0	190.7	155.1
-12.5°	358.3	326.4	310.8	307.7	314.7	319.3	302.6	265.6	225.7	188.4	153.0
-15°	349.8	322.8	309.7	309.0	316.6	318.0	298.3	261.3	222.1	185.4	150.5
-17.5°	339.8	318.4	308.2	310.4	318.7	316.5	293.3	256.1	217.8	181.7	147.5
-20°	333.6	315.2	307.0	312.2	320.9	314.9	287.6	250.1	212.8	177.6	144.2



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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°	327.7	313.2	309.0	314.8	321.3	312.9	281.4	243.3	207.3	172.9	140.3
-25°	321.0	310.7	311.1	317.5	319.0	305.3	273.7	235.6	201.1	167.6	136.1
-27.5°	316.8	309.2	313.2	320.5	316.6	297.0	264.4	228.0	194.4	161.9	131.4
-30°	313.2	311.5	316.4	322.0	313.8	287.8	254.3	219.7	187.3	155.8	126.2
-32.5°	310.7	313.8	320.0	318.7	305.3	277.7	243.1	210.8	179.6	149.5	121.2
-35°	313.5	317.5	323.1	315.1	293.7	264.5	231.7	201.2	171.4	142.6	116.0
-37.5°	316.7	322.2	318.9	306.8	281.3	250.7	220.3	191.2	162.8	135.3	110.5
-40°	321.9	323.2	314.9	292.6	266.2	236.3	208.3	180.9	153.9	127.6	104.8
-42.5°	326.3	318.9	302.7	278.0	249.9	222.5	195.9	170.0	144.6	120.2	98.8
-45°	321.8	310.0	287.1	260.5	233.3	208.2	183.3	158.8	135.1	113.1	92.7
-47.5°	313.8	292.8	268.7	242.0	217.2	193.5	170.3	147.8	125.3	105.7	86.4
-50°	295.2	273.0	247.7	223.8	200.8	178.8	157.2	136.7	116.5	98.0	79.7
-52.5°	272.6	249.4	227.0	205.4	184.4	163.6	144.7	125.4	107.4	89.9	72.8
-55°	246.4	226.4	206.4	187.1	167.7	149.6	132.0	114.6	97.8	81.7	65.7
-57.5°	221.6	203.7	186.3	168.7	151.8	135.7	119.4	103.4	88.2	73.2	59.8
-60°	197.1	182.0	166.2	151.1	136.2	121.4	106.5	92.1	78.4	64.9	53.8
-62.5°	174.0	160.5	147.3	133.8	120.6	107.1	93.4	81.0	68.4	57.9	47.6
-65°	151.5	139.9	128.3	117.0	105.0	92.9	81.1	69.7	59.9	50.7	41.8
-67.5°	129.3	120.3	110.7	100.3	89.9	79.3	68.6	59.9	51.7	43.4	37.1
-70°	109.9	101.6	93.2	84.3	75.0	65.9	58.1	50.7	43.4	37.7	32.2
-72.5°	90.5	83.4	76.0	68.3	61.5	54.7	47.9	41.7	36.8	31.9	27.2
-75°	71.2	65.7	60.3	54.7	49.0	43.3	38.7	34.2	30.1	26.1	22.3
-77.5°	54.0	49.7	45.4	41.7	37.8	34.0	30.2	26.6	23.6	20.6	17.4
-80°	38.3	35.7	33.1	30.4	27.5	24.6	22.2	19.8	17.5	15.1	12.5
-82.5°	24.0	22.8	21.7	20.3	18.6	16.9	15.1	13.3	11.5	9.6	8.3
-85°	14.2	13.4	12.5	11.5	10.3	9.2	8.5	7.8	7.0	6.3	5.5
-87.5°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
80°	9.7	7.9	6.4	4.8	3.2	1.6	0.0
77.5°	14.0	10.4	7.9	6.0	4.0	2.0	0.0
75°	18.3	13.9	9.7	7.1	4.8	2.4	0.0
72.5°	22.5	17.3	12.4	8.3	5.5	2.8	0.0
70°	26.6	20.7	15.0	9.6	6.3	3.1	0.0
67.5°	30.8	24.0	17.7	11.5	7.0	3.5	0.0
65°	34.9	27.5	20.2	13.4	7.8	3.9	0.0
62.5°	39.0	31.0	22.7	15.2	8.5	4.2	0.0
60°	43.0	34.4	25.1	17.0	9.2	4.6	0.0
57.5°	48.1	37.8	27.9	18.8	10.4	4.9	0.0
55°	53.2	41.2	30.6	20.4	11.5	5.3	0.0
52.5°	58.1	44.6	33.3	22.1	12.6	5.6	0.0
50°	62.9	48.6	35.9	23.6	13.7	5.9	0.0
47.5°	67.7	52.4	38.5	25.3	14.8	6.2	0.0
45°	73.0	56.2	40.9	27.1	15.8	6.5	0.0
42.5°	78.2	59.7	43.3	28.9	16.8	6.8	0.0
40°	83.0	63.1	45.8	30.6	17.7	7.0	0.0
37.5°	87.5	66.4	48.4	32.3	18.6	7.3	0.0
35°	91.8	69.7	50.8	33.8	19.5	7.5	0.0
32.5°	95.8	73.1	53.2	35.2	20.3	7.8	0.0
30°	99.9	76.2	55.3	36.6	21.1	8.0	0.0
27.5°	103.8	79.0	57.2	37.7	21.8	8.2	0.0
25°	107.3	81.6	58.8	38.8	22.5	8.3	0.0
22.5°	110.6	83.8	60.4	39.8	23.1	8.5	0.0
20°	113.5	85.8	61.7	40.6	23.7	8.6	0.0
17.5°	116.1	87.5	62.9	41.3	24.2	8.8	0.0
15°	118.4	89.0	63.9	41.9	24.7	8.9	0.0
12.5°	120.3	90.2	64.7	42.4	25.1	9.0	0.0
10°	122.0	91.1	65.4	42.8	25.4	9.1	0.0
7.5°	123.2	91.9	65.9	43.0	25.7	9.1	0.0
5°	124.2	92.3	66.2	43.2	25.9	9.2	0.0
2.5°	124.7	92.5	66.3	43.2	26.1	9.2	0.0
0°	124.9	92.5	66.3	43.2	26.2	9.2	0.0
-2.5°	124.7	92.5	66.3	43.2	26.1	9.2	0.0
-5°	124.2	92.3	66.2	43.2	25.9	9.2	0.0
-7.5°	123.2	91.9	65.9	43.0	25.7	9.1	0.0
-10°	122.0	91.1	65.4	42.8	25.4	9.1	0.0
-12.5°	120.3	90.2	64.7	42.4	25.1	9.0	0.0
-15°	118.4	89.0	63.9	41.9	24.7	8.9	0.0
-17.5°	116.1	87.5	62.9	41.3	24.2	8.8	0.0
-20°	113.5	85.8	61.7	40.6	23.7	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	110.6	83.8	60.4	39.8	23.1	8.5	0.0
-25°	107.3	81.6	58.8	38.8	22.5	8.3	0.0
-27.5°	103.8	79.0	57.2	37.7	21.8	8.2	0.0
-30°	99.9	76.2	55.3	36.6	21.1	8.0	0.0
-32.5°	95.8	73.1	53.2	35.2	20.3	7.8	0.0
-35°	91.8	69.7	50.8	33.8	19.5	7.5	0.0
-37.5°	87.5	66.4	48.4	32.3	18.6	7.3	0.0
-40°	83.0	63.1	45.8	30.6	17.7	7.0	0.0
-42.5°	78.2	59.7	43.3	28.9	16.8	6.8	0.0
-45°	73.0	56.2	40.9	27.1	15.8	6.5	0.0
-47.5°	67.7	52.4	38.5	25.3	14.8	6.2	0.0
-50°	62.9	48.6	35.9	23.6	13.7	5.9	0.0
-52.5°	58.1	44.6	33.3	22.1	12.6	5.6	0.0
-55°	53.2	41.2	30.6	20.4	11.5	5.3	0.0
-57.5°	48.1	37.8	27.9	18.8	10.4	4.9	0.0
-60°	43.0	34.4	25.1	17.0	9.2	4.6	0.0
-62.5°	39.0	31.0	22.7	15.2	8.5	4.2	0.0
-65°	34.9	27.5	20.2	13.4	7.8	3.9	0.0
-67.5°	30.8	24.0	17.7	11.5	7.0	3.5	0.0
-70°	26.6	20.7	15.0	9.6	6.3	3.1	0.0
-72.5°	22.5	17.3	12.4	8.3	5.5	2.8	0.0
-75°	18.3	13.9	9.7	7.1	4.8	2.4	0.0
-77.5°	14.0	10.4	7.9	6.0	4.0	2.0	0.0
-80°	9.7	7.9	6.4	4.8	3.2	1.6	0.0
-82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)