

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: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1C-940-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

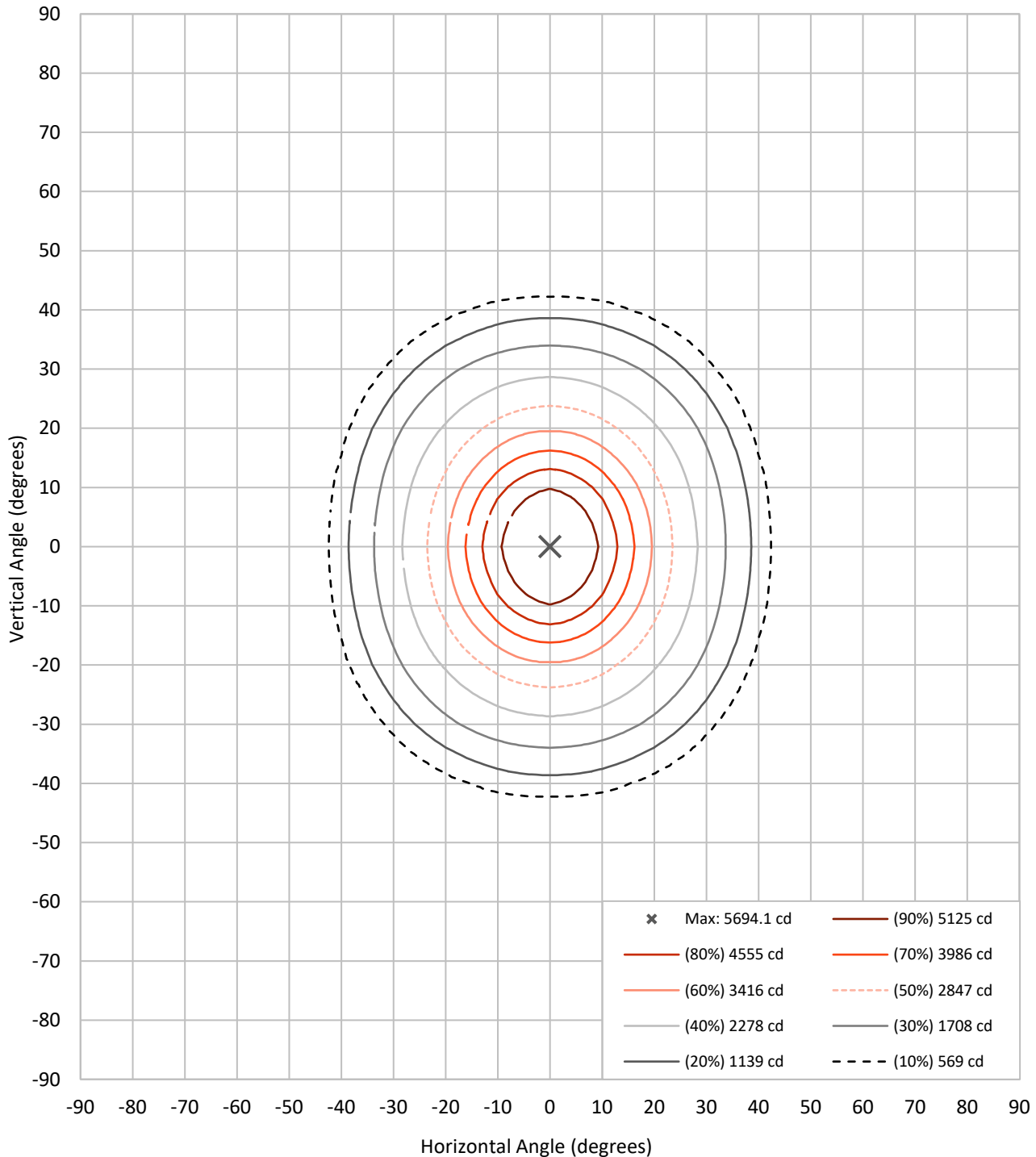
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	4432.6 lumens	Max Intensity:	5694.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	2091.6 lumens	Field Lumens:	4024.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 44
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





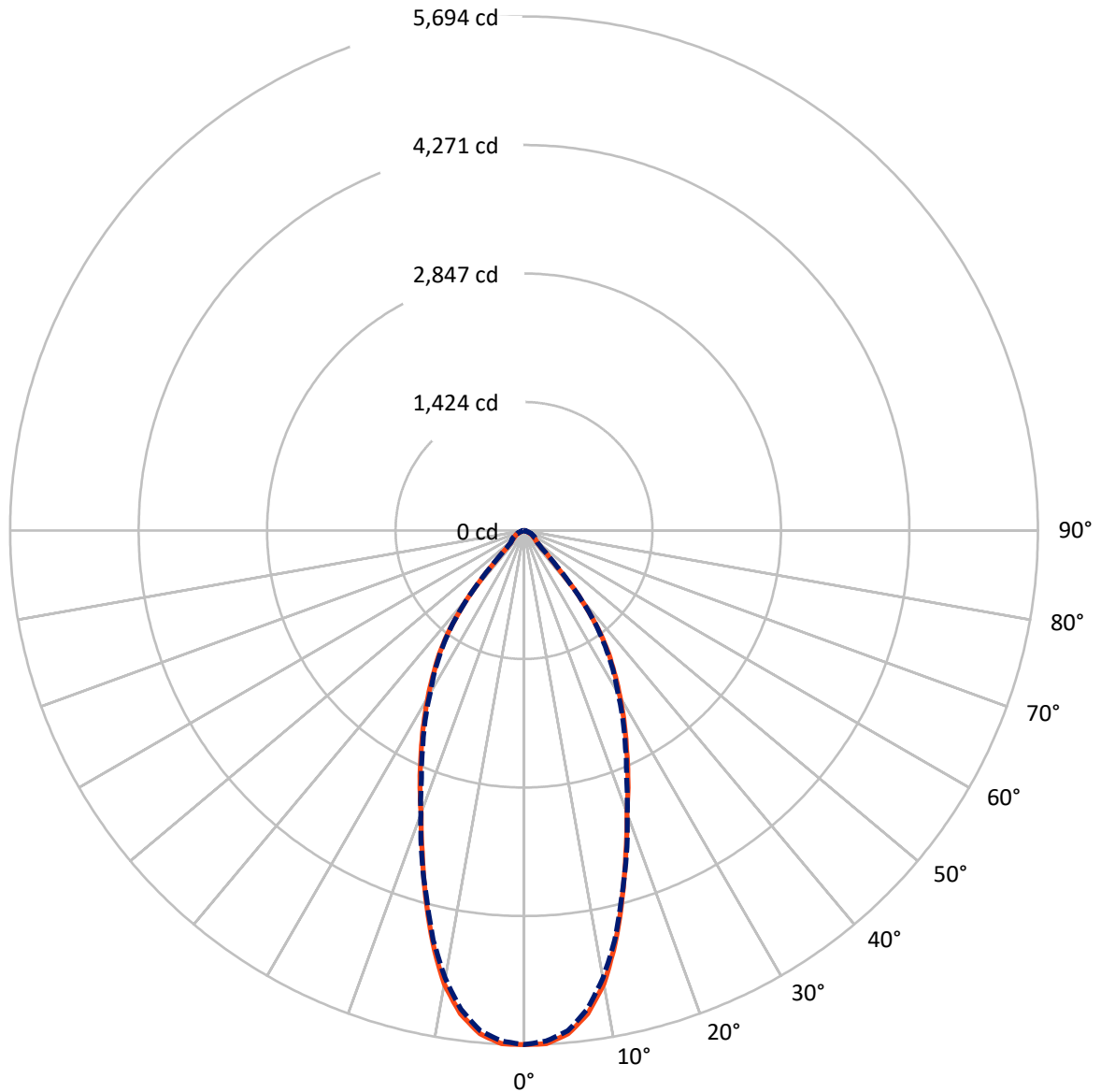
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Lumen Table

90	0.1	0.5	1.2	2.0	1.6	2.0	1.2	0.5	0.1											
80	0.1	0.5	1.2	2.0	1.6	2.0	1.2	0.5	0.1											
70	0.3	0.4	0.6	1.0	1.4	1.8	2.0	2.2	2.2	2.0	1.8	1.4	1.0	0.6	0.4	0.3				
60		0.5	1.1	1.8	2.5	3.2	3.6	4.0	4.0	3.6	3.2	2.5	1.8	1.1	0.5					
50	0.5	0.7	1.5	2.5	3.6	5.0	7.9	11.0	11.0	7.9	5.0	3.6	2.5	1.5	0.7	0.5				
40		0.9	1.9	3.1	5.8	18.7	36.4	46.3	46.3	36.4	18.7	5.8	3.1	1.9	0.9					
30	0.5	1.0	2.2	3.9	17.1	44.6	65.8	79.7	79.7	65.8	44.6	17.1	3.9	2.2	1.0	0.5				
20		1.1	2.4	6.0	31.1	61.6	93.6	121.8	121.8	93.6	61.6	31.1	6.0	2.4	1.1					
10	0.5	1.2	2.6	8.2	37.8	71.9	117.7	159.2	159.2	117.7	71.9	37.8	8.2	2.6	1.2	0.5				
0		1.2	2.6	8.2	37.8	71.9	117.7	159.2	159.2	117.7	71.9	37.8	8.2	2.6	1.2					
-10	0.5	1.1	2.4	6.0	31.1	61.6	93.6	121.8	121.8	93.6	61.6	31.1	6.0	2.4	1.1	0.5				
-20		1.0	2.2	3.9	17.1	44.6	65.8	79.7	79.7	65.8	44.6	17.1	3.9	2.2	1.0					
-30	0.5	0.9	1.9	3.1	5.8	18.7	36.4	46.3	46.3	36.4	18.7	5.8	3.1	1.9	0.9	0.5				
-40		0.7	1.5	2.5	3.6	5.0	7.9	11.0	11.0	7.9	5.0	3.6	2.5	1.5	0.7					
-50	0.3	0.5	1.1	1.8	2.5	3.2	3.6	4.0	4.0	3.6	3.2	2.5	1.8	1.1	0.5	0.3				
-60		0.4	0.6	1.0	1.4	1.8	2.0	2.2	2.2	2.0	1.8	1.4	1.0	0.6	0.4					
-70	0.1	0.5	1.2	2.0	1.6	2.0	1.2	0.5	0.1							0.1				
-80		0.1	0.5	1.2	2.0	1.6	2.0	1.2	0.5	0.1										
-90	0.1	0.5	1.2	2.0	1.6	2.0	1.2	0.5	0.1											
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	

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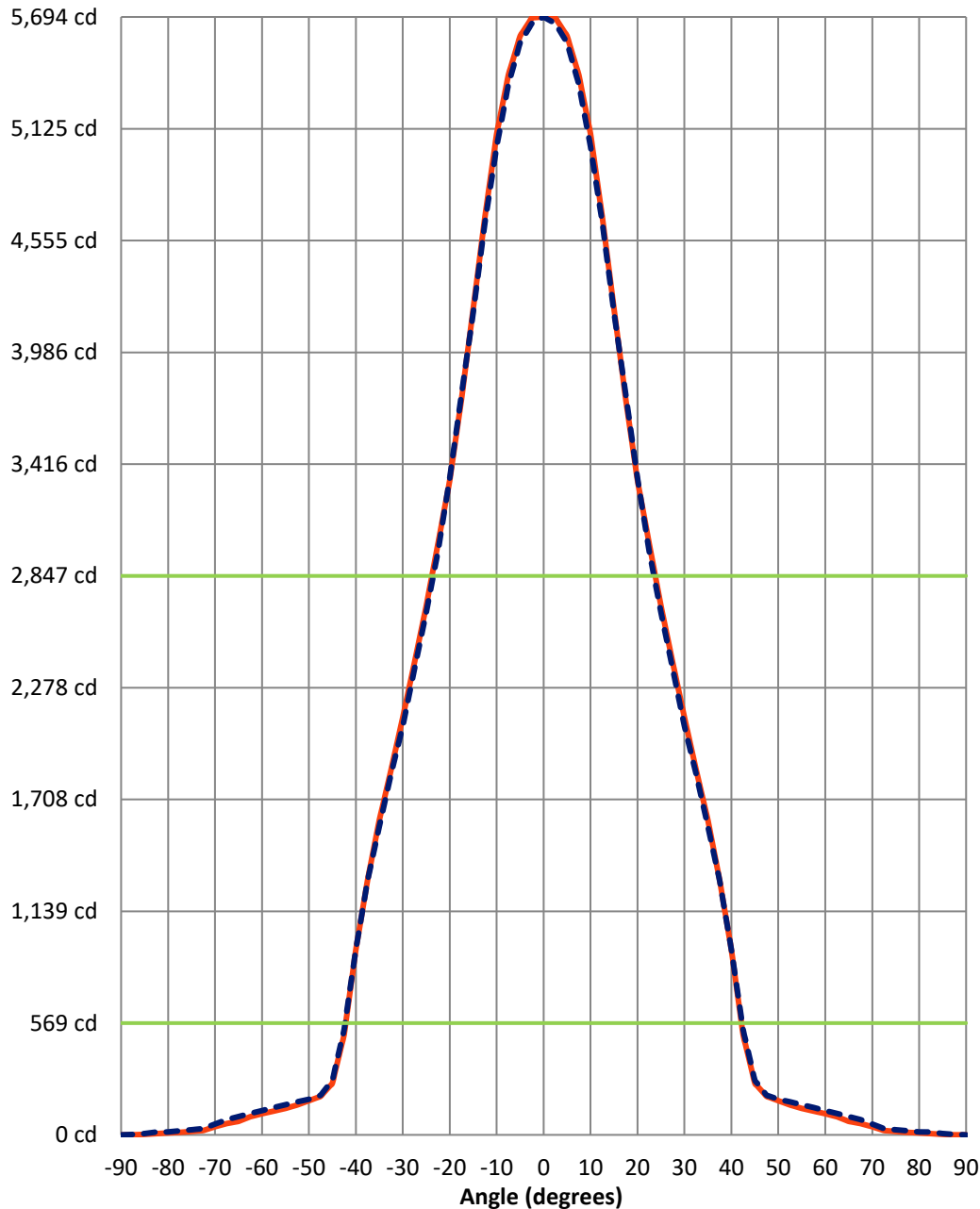
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 2091.6
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 4024.7
Efficiency: 90.8%

Spill:
Lumens: 407.8
Efficiency: 9.2%

— 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	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	1.1
85°	0.0	0.2	0.4	0.6	0.9	1.2	1.5	1.7	1.9	2.1	2.2
82.5°	0.0	0.3	0.5	0.9	1.3	1.8	2.3	2.6	3.0	3.5	4.0
80°	0.0	0.4	0.7	1.2	1.8	2.4	3.2	4.3	5.1	5.7	6.1
77.5°	0.0	0.5	0.9	1.5	2.2	3.2	5.0	6.3	7.2	7.9	8.5
75°	0.0	0.5	1.1	1.8	2.7	4.6	6.8	8.3	9.4	10.6	11.5
72.5°	0.0	0.6	1.3	2.1	3.7	6.0	8.6	10.5	12.1	13.4	14.4
70°	0.0	0.7	1.4	2.4	4.7	7.3	10.3	13.0	14.8	16.3	18.7
67.5°	0.0	0.8	1.6	3.1	5.7	8.6	12.3	15.5	17.6	20.0	23.2
65°	0.0	0.9	1.8	3.7	6.6	10.0	14.3	18.1	20.5	23.6	27.3
62.5°	0.0	1.0	1.9	4.4	7.5	11.4	16.1	20.4	23.3	27.0	31.2
60°	0.0	1.0	2.1	5.0	8.4	12.8	17.8	22.5	25.9	30.5	35.0
57.5°	0.0	1.1	2.5	5.6	9.3	14.1	19.1	24.3	28.8	33.9	38.3
55°	0.0	1.2	2.8	6.1	10.3	15.3	20.1	25.7	31.8	37.1	41.3
52.5°	0.0	1.3	3.2	6.6	11.1	16.4	20.9	27.6	34.7	39.8	44.3
50°	0.0	1.3	3.5	7.1	11.9	16.9	21.7	29.3	37.4	42.4	47.6
47.5°	0.0	1.4	3.9	7.6	12.7	17.3	22.3	30.8	39.7	45.0	50.9
45°	0.0	1.5	4.2	8.1	13.4	17.6	23.4	32.1	40.9	47.8	54.0
42.5°	0.0	1.5	4.5	8.6	14.0	17.8	24.3	33.0	41.8	50.5	57.2
40°	0.0	1.6	4.8	9.1	14.3	17.9	25.1	33.6	42.6	52.8	60.3
37.5°	0.0	1.7	5.0	9.6	14.4	17.9	25.7	34.0	43.5	54.0	63.2
35°	0.0	1.7	5.3	10.1	14.3	18.2	26.1	34.3	44.2	55.7	66.1
32.5°	0.0	1.8	5.5	10.5	14.3	18.4	26.3	34.3	44.8	57.8	68.7
30°	0.0	1.8	5.7	11.0	14.1	18.6	26.2	34.3	45.2	60.3	71.2
27.5°	0.0	1.9	5.9	11.4	14.3	18.7	26.1	34.6	46.1	63.0	73.7
25°	0.0	1.9	6.1	11.9	14.4	18.6	25.8	34.7	48.0	65.3	76.1
22.5°	0.0	1.9	6.2	12.3	14.6	18.6	25.4	34.6	49.9	67.2	79.1
20°	0.0	2.0	6.4	12.6	14.7	19.1	24.8	34.4	51.9	69.0	81.9
17.5°	0.0	2.0	6.5	13.0	14.8	19.5	24.9	34.1	53.8	70.6	84.3
15°	0.0	2.0	6.6	13.3	14.8	19.9	25.3	34.0	55.7	72.1	86.4
12.5°	0.0	2.1	6.7	13.6	14.9	20.2	25.6	34.2	57.0	73.4	88.2
10°	0.0	2.1	6.7	13.9	14.9	20.4	25.8	34.1	57.5	74.5	89.8
7.5°	0.0	2.1	6.8	14.1	15.0	20.6	26.0	33.8	57.5	75.6	91.1
5°	0.0	2.1	6.8	14.3	15.0	20.8	26.1	33.4	57.1	76.6	92.1
2.5°	0.0	2.1	6.8	14.4	15.0	20.9	26.1	32.8	56.3	77.3	92.8
0°	0.0	2.1	6.8	14.5	15.0	20.9	26.1	32.1	55.1	77.8	93.2
-2.5°	0.0	2.1	6.8	14.4	15.0	20.9	26.1	32.8	56.3	77.3	92.8
-5°	0.0	2.1	6.8	14.3	15.0	20.8	26.1	33.4	57.1	76.6	92.1
-7.5°	0.0	2.1	6.8	14.1	15.0	20.6	26.0	33.8	57.5	75.6	91.1
-10°	0.0	2.1	6.7	13.9	14.9	20.4	25.8	34.1	57.5	74.5	89.8
-12.5°	0.0	2.1	6.7	13.6	14.9	20.2	25.6	34.2	57.0	73.4	88.2
-15°	0.0	2.0	6.6	13.3	14.8	19.9	25.3	34.0	55.7	72.1	86.4
-17.5°	0.0	2.0	6.5	13.0	14.8	19.5	24.9	34.1	53.8	70.6	84.3
-20°	0.0	2.0	6.4	12.6	14.7	19.1	24.8	34.4	51.9	69.0	81.9



REPORT NUMBER: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.9	6.2	12.3	14.6	18.6	25.4	34.6	49.9	67.2	79.1
-25°	0.0	1.9	6.1	11.9	14.4	18.6	25.8	34.7	48.0	65.3	76.1
-27.5°	0.0	1.9	5.9	11.4	14.3	18.7	26.1	34.6	46.1	63.0	73.7
-30°	0.0	1.8	5.7	11.0	14.1	18.6	26.2	34.3	45.2	60.3	71.2
-32.5°	0.0	1.8	5.5	10.5	14.3	18.4	26.3	34.3	44.8	57.8	68.7
-35°	0.0	1.7	5.3	10.1	14.3	18.2	26.1	34.3	44.2	55.7	66.1
-37.5°	0.0	1.7	5.0	9.6	14.4	17.9	25.7	34.0	43.5	54.0	63.2
-40°	0.0	1.6	4.8	9.1	14.3	17.9	25.1	33.6	42.6	52.8	60.3
-42.5°	0.0	1.5	4.5	8.6	14.0	17.8	24.3	33.0	41.8	50.5	57.2
-45°	0.0	1.5	4.2	8.1	13.4	17.6	23.4	32.1	40.9	47.8	54.0
-47.5°	0.0	1.4	3.9	7.6	12.7	17.3	22.3	30.8	39.7	45.0	50.9
-50°	0.0	1.3	3.5	7.1	11.9	16.9	21.7	29.3	37.4	42.4	47.6
-52.5°	0.0	1.3	3.2	6.6	11.1	16.4	20.9	27.6	34.7	39.8	44.3
-55°	0.0	1.2	2.8	6.1	10.3	15.3	20.1	25.7	31.8	37.1	41.3
-57.5°	0.0	1.1	2.5	5.6	9.3	14.1	19.1	24.3	28.8	33.9	38.3
-60°	0.0	1.0	2.1	5.0	8.4	12.8	17.8	22.5	25.9	30.5	35.0
-62.5°	0.0	1.0	1.9	4.4	7.5	11.4	16.1	20.4	23.3	27.0	31.2
-65°	0.0	0.9	1.8	3.7	6.6	10.0	14.3	18.1	20.5	23.6	27.3
-67.5°	0.0	0.8	1.6	3.1	5.7	8.6	12.3	15.5	17.6	20.0	23.2
-70°	0.0	0.7	1.4	2.4	4.7	7.3	10.3	13.0	14.8	16.3	18.7
-72.5°	0.0	0.6	1.3	2.1	3.7	6.0	8.6	10.5	12.1	13.4	14.4
-75°	0.0	0.5	1.1	1.8	2.7	4.6	6.8	8.3	9.4	10.6	11.5
-77.5°	0.0	0.5	0.9	1.5	2.2	3.2	5.0	6.3	7.2	7.9	8.5
-80°	0.0	0.4	0.7	1.2	1.8	2.4	3.2	4.3	5.1	5.7	6.1
-82.5°	0.0	0.3	0.5	0.9	1.3	1.8	2.3	2.6	3.0	3.5	4.0
-85°	0.0	0.2	0.4	0.6	0.9	1.2	1.5	1.7	1.9	2.1	2.2
-87.5°	0.0	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	1.1
-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°	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.7	0.7	0.7
85°	2.2	2.2	2.3	2.5	2.5	2.5	2.5	2.3	2.7	3.0	3.5
82.5°	4.3	4.7	5.0	5.4	5.4	5.3	5.1	4.9	5.7	6.6	7.6
80°	6.7	7.2	8.1	8.9	9.2	9.1	8.8	8.4	9.4	10.9	12.6
77.5°	9.6	10.7	11.9	13.1	13.4	13.1	12.6	11.7	13.0	15.5	18.2
75°	12.7	14.2	16.0	17.5	17.8	17.3	16.5	15.7	17.3	20.3	23.3
72.5°	16.6	19.0	20.8	22.1	22.2	21.7	21.3	20.9	22.7	26.3	29.3
70°	21.6	24.0	25.4	26.2	26.3	26.6	27.9	29.0	30.8	33.9	36.3
67.5°	26.5	28.4	29.7	30.6	32.5	34.2	35.9	37.6	39.6	42.2	44.1
65°	30.9	32.8	34.5	36.7	39.5	41.5	43.8	46.2	48.9	51.4	53.2
62.5°	35.2	37.3	39.7	42.6	45.7	48.5	51.8	55.2	58.5	61.3	64.4
60°	38.7	41.5	44.7	48.3	52.0	56.3	60.3	64.2	67.8	71.3	75.6
57.5°	42.1	45.9	49.8	54.1	59.0	64.3	68.9	73.2	77.7	82.7	87.0
55°	45.7	50.5	55.0	60.1	65.9	72.2	77.3	82.2	87.7	93.8	98.6
52.5°	49.5	54.8	60.1	66.2	73.3	79.6	84.9	90.9	97.7	104.3	109.8
50°	53.2	59.1	65.2	73.0	80.0	86.0	92.7	99.9	106.9	113.7	120.2
47.5°	57.0	63.2	71.3	79.3	85.9	93.0	100.7	108.1	115.5	122.6	129.4
45°	60.7	68.1	77.1	84.6	92.0	100.1	108.0	115.8	123.6	131.2	138.6
42.5°	64.2	72.8	81.9	89.8	98.2	106.7	115.0	123.3	131.5	139.6	147.5
40°	68.1	77.2	86.7	95.4	104.1	112.9	121.7	130.5	139.1	147.7	156.0
37.5°	71.7	81.7	91.6	100.7	109.7	118.9	128.1	137.4	146.5	155.4	164.9
35°	74.9	86.2	96.2	105.7	115.2	124.5	134.3	144.1	153.6	163.3	175.5
32.5°	78.5	90.8	100.6	110.6	120.4	130.0	140.2	150.5	160.7	172.0	189.5
30°	82.5	94.6	104.8	115.2	125.3	135.4	145.9	156.7	167.4	185.0	225.5
27.5°	86.4	98.1	108.8	119.5	129.8	140.4	151.4	162.6	177.5	204.4	270.2
25°	90.1	101.5	112.6	123.4	134.1	145.1	156.4	168.0	188.3	242.7	388.1
22.5°	93.1	104.7	116.2	127.0	138.0	149.3	161.1	176.4	207.8	281.4	519.3
20°	95.7	107.8	119.6	130.8	141.6	153.0	165.3	184.5	237.4	391.8	676.4
17.5°	98.2	110.6	122.7	134.4	145.7	156.9	169.5	191.4	264.1	487.7	834.5
15°	100.4	113.1	125.5	137.8	149.5	161.1	176.2	211.1	318.0	583.0	975.2
12.5°	102.4	115.3	128.2	140.9	152.8	164.9	182.2	230.7	384.1	694.7	1071.3
10°	104.2	117.2	130.5	143.7	155.8	168.3	187.3	246.8	438.5	786.6	1148.5
7.5°	105.9	119.1	132.7	146.2	158.4	171.1	191.4	259.4	480.5	855.9	1210.1
5°	107.2	120.8	135.3	149.0	161.6	174.2	195.0	268.4	510.0	902.5	1254.9
2.5°	108.3	122.3	137.5	151.5	165.2	178.0	199.0	275.1	529.0	932.2	1283.6
0°	109.0	123.5	139.4	153.5	168.4	181.3	202.2	278.3	536.1	943.0	1294.4
-2.5°	108.3	122.3	137.5	151.5	165.2	178.0	199.0	275.1	529.0	932.2	1283.6
-5°	107.2	120.8	135.3	149.0	161.6	174.2	195.0	268.4	510.0	902.5	1254.9
-7.5°	105.9	119.1	132.7	146.2	158.4	171.1	191.4	259.4	480.5	855.9	1210.1
-10°	104.2	117.2	130.5	143.7	155.8	168.3	187.3	246.8	438.5	786.6	1148.5
-12.5°	102.4	115.3	128.2	140.9	152.8	164.9	182.2	230.7	384.1	694.7	1071.3
-15°	100.4	113.1	125.5	137.8	149.5	161.1	176.2	211.1	318.0	583.0	975.2
-17.5°	98.2	110.6	122.7	134.4	145.7	156.9	169.5	191.4	264.1	487.7	834.5
-20°	95.7	107.8	119.6	130.8	141.6	153.0	165.3	184.5	237.4	391.8	676.4



REPORT NUMBER: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	93.1	104.7	116.2	127.0	138.0	149.3	161.1	176.4	207.8	281.4	519.3
-25°	90.1	101.5	112.6	123.4	134.1	145.1	156.4	168.0	188.3	242.7	388.1
-27.5°	86.4	98.1	108.8	119.5	129.8	140.4	151.4	162.6	177.5	204.4	270.2
-30°	82.5	94.6	104.8	115.2	125.3	135.4	145.9	156.7	167.4	185.0	225.5
-32.5°	78.5	90.8	100.6	110.6	120.4	130.0	140.2	150.5	160.7	172.0	189.5
-35°	74.9	86.2	96.2	105.7	115.2	124.5	134.3	144.1	153.6	163.3	175.5
-37.5°	71.7	81.7	91.6	100.7	109.7	118.9	128.1	137.4	146.5	155.4	164.9
-40°	68.1	77.2	86.7	95.4	104.1	112.9	121.7	130.5	139.1	147.7	156.0
-42.5°	64.2	72.8	81.9	89.8	98.2	106.7	115.0	123.3	131.5	139.6	147.5
-45°	60.7	68.1	77.1	84.6	92.0	100.1	108.0	115.8	123.6	131.2	138.6
-47.5°	57.0	63.2	71.3	79.3	85.9	93.0	100.7	108.1	115.5	122.6	129.4
-50°	53.2	59.1	65.2	73.0	80.0	86.0	92.7	99.9	106.9	113.7	120.2
-52.5°	49.5	54.8	60.1	66.2	73.3	79.6	84.9	90.9	97.7	104.3	109.8
-55°	45.7	50.5	55.0	60.1	65.9	72.2	77.3	82.2	87.7	93.8	98.6
-57.5°	42.1	45.9	49.8	54.1	59.0	64.3	68.9	73.2	77.7	82.7	87.0
-60°	38.7	41.5	44.7	48.3	52.0	56.3	60.3	64.2	67.8	71.3	75.6
-62.5°	35.2	37.3	39.7	42.6	45.7	48.5	51.8	55.2	58.5	61.3	64.4
-65°	30.9	32.8	34.5	36.7	39.5	41.5	43.8	46.2	48.9	51.4	53.2
-67.5°	26.5	28.4	29.7	30.6	32.5	34.2	35.9	37.6	39.6	42.2	44.1
-70°	21.6	24.0	25.4	26.2	26.3	26.6	27.9	29.0	30.8	33.9	36.3
-72.5°	16.6	19.0	20.8	22.1	22.2	21.7	21.3	20.9	22.7	26.3	29.3
-75°	12.7	14.2	16.0	17.5	17.8	17.3	16.5	15.7	17.3	20.3	23.3
-77.5°	9.6	10.7	11.9	13.1	13.4	13.1	12.6	11.7	13.0	15.5	18.2
-80°	6.7	7.2	8.1	8.9	9.2	9.1	8.8	8.4	9.4	10.9	12.6
-82.5°	4.3	4.7	5.0	5.4	5.4	5.3	5.1	4.9	5.7	6.6	7.6
-85°	2.2	2.2	2.3	2.5	2.5	2.5	2.5	2.3	2.7	3.0	3.5
-87.5°	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.7	0.7	0.7
-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: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-U-MWR-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°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.6
85°	3.9	3.8	3.5	3.3	2.9	3.1	3.3	3.4	3.6	3.4	3.1
82.5°	8.6	8.8	8.7	8.7	8.7	9.0	9.4	9.7	10.0	9.2	8.3
80°	14.5	15.2	15.6	16.0	16.3	16.3	16.1	15.7	15.2	13.9	12.4
77.5°	21.0	22.1	22.6	23.2	23.8	24.0	24.1	24.2	24.4	22.1	19.2
75°	26.1	27.7	28.6	29.5	30.3	30.8	31.0	31.2	31.2	28.5	25.0
72.5°	31.8	33.4	34.5	35.6	36.6	37.2	37.6	37.9	38.1	35.7	32.4
70°	38.1	39.4	40.7	42.0	43.3	44.1	44.7	45.1	45.5	45.2	45.0
67.5°	45.6	46.7	48.3	49.6	50.9	51.8	52.8	53.5	54.1	54.7	55.4
65°	54.9	57.5	59.9	61.2	61.3	62.7	64.8	66.2	66.9	67.5	68.2
62.5°	67.9	71.1	72.8	74.9	77.5	80.0	80.9	82.2	83.7	85.5	87.6
60°	79.1	81.7	84.5	87.3	89.7	91.8	94.0	96.2	98.2	100.0	101.8
57.5°	90.5	93.4	96.2	99.5	101.8	103.2	105.3	108.0	110.0	111.5	113.9
55°	102.3	106.0	109.8	112.8	115.0	116.5	118.1	120.6	122.1	122.7	125.5
52.5°	114.2	118.6	123.3	126.8	129.1	131.3	133.2	135.5	137.0	137.8	140.5
50°	125.2	130.5	135.7	140.3	143.4	146.9	151.0	153.0	154.3	155.7	158.7
47.5°	135.7	141.6	147.2	152.3	156.8	160.8	164.3	167.6	172.6	176.5	180.4
45°	145.7	152.0	158.1	163.9	168.8	176.7	184.2	190.6	207.7	222.0	232.9
42.5°	155.2	162.8	169.6	179.3	189.8	208.0	236.0	262.0	312.4	377.1	431.2
40°	165.1	175.0	187.2	205.9	241.4	277.9	387.0	484.3	579.9	688.6	781.7
37.5°	176.7	191.5	227.3	269.7	383.5	509.4	664.0	815.7	947.8	1060.9	1155.3
35°	191.9	237.9	304.7	459.1	627.2	833.6	1011.8	1154.5	1285.1	1389.8	1468.7
32.5°	237.0	321.0	497.4	709.8	941.1	1140.5	1314.0	1450.7	1569.7	1663.6	1736.7
30°	302.9	496.0	735.5	989.9	1220.3	1410.7	1571.1	1701.3	1807.6	1903.1	1983.3
27.5°	459.7	708.1	989.6	1249.1	1458.6	1636.9	1780.7	1909.7	2026.9	2127.6	2222.4
25°	631.2	938.7	1222.6	1458.8	1654.3	1821.5	1973.3	2114.4	2245.6	2363.4	2473.7
22.5°	837.1	1143.8	1415.2	1633.8	1823.2	1995.0	2156.2	2313.3	2466.0	2609.7	2743.1
20°	1023.6	1324.6	1561.2	1779.5	1976.4	2155.4	2333.0	2516.1	2692.3	2865.4	3026.1
17.5°	1168.9	1448.9	1686.5	1907.7	2108.2	2310.9	2514.1	2724.4	2937.0	3138.0	3330.3
15°	1290.2	1552.7	1793.4	2014.6	2234.9	2458.6	2685.8	2933.4	3186.3	3426.9	3672.0
12.5°	1376.3	1639.2	1883.2	2105.2	2352.2	2595.1	2859.4	3141.7	3433.8	3714.1	4015.1
10°	1445.4	1708.3	1950.2	2189.6	2451.0	2720.2	3016.7	3327.7	3676.2	4008.1	4332.4
7.5°	1504.7	1765.9	2004.1	2258.4	2533.2	2829.1	3151.6	3503.1	3880.3	4249.5	4635.6
5°	1548.1	1805.1	2045.9	2314.8	2596.4	2908.7	3255.6	3631.3	4035.7	4440.3	4822.1
2.5°	1571.1	1827.5	2071.9	2349.8	2633.5	2956.9	3318.1	3716.4	4143.6	4585.0	4961.5
0°	1570.6	1836.9	2081.9	2373.4	2660.7	2971.4	3345.1	3770.8	4187.6	4646.3	5032.8
-2.5°	1571.1	1827.5	2071.9	2349.8	2633.5	2956.9	3318.1	3716.4	4143.6	4585.0	4961.5
-5°	1548.1	1805.1	2045.9	2314.8	2596.4	2908.7	3255.6	3631.3	4035.7	4440.3	4822.1
-7.5°	1504.7	1765.9	2004.1	2258.4	2533.2	2829.1	3151.6	3503.1	3880.3	4249.5	4635.6
-10°	1445.4	1708.3	1950.2	2189.6	2451.0	2720.2	3016.7	3327.7	3676.2	4008.1	4332.4
-12.5°	1376.3	1639.2	1883.2	2105.2	2352.2	2595.1	2859.4	3141.7	3433.8	3714.1	4015.1
-15°	1290.2	1552.7	1793.4	2014.6	2234.9	2458.6	2685.8	2933.4	3186.3	3426.9	3672.0
-17.5°	1168.9	1448.9	1686.5	1907.7	2108.2	2310.9	2514.1	2724.4	2937.0	3138.0	3330.3
-20°	1023.6	1324.6	1561.2	1779.5	1976.4	2155.4	2333.0	2516.1	2692.3	2865.4	3026.1



REPORT NUMBER: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	837.1	1143.8	1415.2	1633.8	1823.2	1995.0	2156.2	2313.3	2466.0	2609.7	2743.1
-25°	631.2	938.7	1222.6	1458.8	1654.3	1821.5	1973.3	2114.4	2245.6	2363.4	2473.7
-27.5°	459.7	708.1	989.6	1249.1	1458.6	1636.9	1780.7	1909.7	2026.9	2127.6	2222.4
-30°	302.9	496.0	735.5	989.9	1220.3	1410.7	1571.1	1701.3	1807.6	1903.1	1983.3
-32.5°	237.0	321.0	497.4	709.8	941.1	1140.5	1314.0	1450.7	1569.7	1663.6	1736.7
-35°	191.9	237.9	304.7	459.1	627.2	833.6	1011.8	1154.5	1285.1	1389.8	1468.7
-37.5°	176.7	191.5	227.3	269.7	383.5	509.4	664.0	815.7	947.8	1060.9	1155.3
-40°	165.1	175.0	187.2	205.9	241.4	277.9	387.0	484.3	579.9	688.6	781.7
-42.5°	155.2	162.8	169.6	179.3	189.8	208.0	236.0	262.0	312.4	377.1	431.2
-45°	145.7	152.0	158.1	163.9	168.8	176.7	184.2	190.6	207.7	222.0	232.9
-47.5°	135.7	141.6	147.2	152.3	156.8	160.8	164.3	167.6	172.6	176.5	180.4
-50°	125.2	130.5	135.7	140.3	143.4	146.9	151.0	153.0	154.3	155.7	158.7
-52.5°	114.2	118.6	123.3	126.8	129.1	131.3	133.2	135.5	137.0	137.8	140.5
-55°	102.3	106.0	109.8	112.8	115.0	116.5	118.1	120.6	122.1	122.7	125.5
-57.5°	90.5	93.4	96.2	99.5	101.8	103.2	105.3	108.0	110.0	111.5	113.9
-60°	79.1	81.7	84.5	87.3	89.7	91.8	94.0	96.2	98.2	100.0	101.8
-62.5°	67.9	71.1	72.8	74.9	77.5	80.0	80.9	82.2	83.7	85.5	87.6
-65°	54.9	57.5	59.9	61.2	61.3	62.7	64.8	66.2	66.9	67.5	68.2
-67.5°	45.6	46.7	48.3	49.6	50.9	51.8	52.8	53.5	54.1	54.7	55.4
-70°	38.1	39.4	40.7	42.0	43.3	44.1	44.7	45.1	45.5	45.2	45.0
-72.5°	31.8	33.4	34.5	35.6	36.6	37.2	37.6	37.9	38.1	35.7	32.4
-75°	26.1	27.7	28.6	29.5	30.3	30.8	31.0	31.2	31.2	28.5	25.0
-77.5°	21.0	22.1	22.6	23.2	23.8	24.0	24.1	24.2	24.4	22.1	19.2
-80°	14.5	15.2	15.6	16.0	16.3	16.3	16.1	15.7	15.2	13.9	12.4
-82.5°	8.6	8.8	8.7	8.7	8.7	9.0	9.4	9.7	10.0	9.2	8.3
-85°	3.9	3.8	3.5	3.3	2.9	3.1	3.3	3.4	3.6	3.4	3.1
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.6
-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: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-U-MWR-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°	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.8	0.9	0.9
85°	2.9	2.6	2.6	2.6	2.6	2.6	2.9	3.1	3.4	3.6	3.4
82.5°	7.4	6.4	6.4	6.4	6.4	6.4	7.4	8.3	9.2	10.0	9.7
80°	11.0	9.4	9.6	9.8	9.6	9.4	11.0	12.4	13.9	15.2	15.7
77.5°	16.1	12.9	12.8	12.8	12.8	12.9	16.1	19.2	22.1	24.4	24.2
75°	21.4	17.7	17.5	17.5	17.5	17.7	21.4	25.0	28.5	31.2	31.2
72.5°	28.9	25.3	23.7	22.2	23.7	25.3	28.9	32.4	35.7	38.1	37.9
70°	45.0	45.1	43.6	41.5	43.6	45.1	45.0	45.0	45.2	45.5	45.1
67.5°	56.0	56.5	57.1	57.7	57.1	56.5	56.0	55.4	54.7	54.1	53.5
65°	68.5	68.4	68.7	68.8	68.7	68.4	68.5	68.2	67.5	66.9	66.2
62.5°	89.4	90.8	91.8	92.3	91.8	90.8	89.4	87.6	85.5	83.7	82.2
60°	103.2	104.4	106.1	107.7	106.1	104.4	103.2	101.8	100.0	98.2	96.2
57.5°	116.2	118.2	119.8	121.0	119.8	118.2	116.2	113.9	111.5	110.0	108.0
55°	128.1	130.4	132.7	134.7	132.7	130.4	128.1	125.5	122.7	122.1	120.6
52.5°	143.1	145.0	148.2	152.2	148.2	145.0	143.1	140.5	137.8	137.0	135.5
50°	162.2	165.1	169.1	174.0	169.1	165.1	162.2	158.7	155.7	154.3	153.0
47.5°	184.4	187.3	191.1	196.2	191.1	187.3	184.4	180.4	176.5	172.6	167.6
45°	242.9	249.8	256.0	262.9	256.0	249.8	242.9	232.9	222.0	207.7	190.6
42.5°	474.6	504.6	517.6	510.0	517.6	504.6	474.6	431.2	377.1	312.4	262.0
40°	852.8	902.6	932.0	942.2	932.0	902.6	852.8	781.7	688.6	579.9	484.3
37.5°	1224.3	1270.2	1294.9	1297.8	1294.9	1270.2	1224.3	1155.3	1060.9	947.8	815.7
35°	1525.7	1563.5	1585.9	1602.6	1585.9	1563.5	1525.7	1468.7	1389.8	1285.1	1154.5
32.5°	1796.3	1839.4	1864.3	1858.7	1864.3	1839.4	1796.3	1736.7	1663.6	1569.7	1450.7
30°	2049.1	2096.2	2125.5	2126.3	2125.5	2096.2	2049.1	1983.3	1903.1	1807.6	1701.3
27.5°	2299.0	2351.9	2382.5	2406.3	2382.5	2351.9	2299.0	2222.4	2127.6	2026.9	1909.7
25°	2565.7	2631.6	2670.8	2694.4	2670.8	2631.6	2565.7	2473.7	2363.4	2245.6	2114.4
22.5°	2853.2	2934.9	2988.5	3010.8	2988.5	2934.9	2853.2	2743.1	2609.7	2466.0	2313.3
20°	3165.9	3267.1	3335.6	3333.5	3335.6	3267.1	3165.9	3026.1	2865.4	2692.3	2516.1
17.5°	3514.9	3645.4	3733.7	3746.5	3733.7	3645.4	3514.9	3330.3	3138.0	2937.0	2724.4
15°	3889.0	4057.2	4171.5	4206.9	4171.5	4057.2	3889.0	3672.0	3426.9	3186.3	2933.4
12.5°	4272.4	4472.5	4624.8	4675.4	4624.8	4472.5	4272.4	4015.1	3714.1	3433.8	3141.7
10°	4637.7	4859.3	5024.6	5097.8	5024.6	4859.3	4637.7	4332.4	4008.1	3676.2	3327.7
7.5°	4943.0	5168.2	5338.5	5398.7	5338.5	5168.2	4943.0	4635.6	4249.5	3880.3	3503.1
5°	5144.2	5390.2	5522.6	5597.1	5522.6	5390.2	5144.2	4822.1	4440.3	4035.7	3631.3
2.5°	5278.6	5487.3	5621.3	5689.8	5621.3	5487.3	5278.6	4961.5	4585.0	4143.6	3716.4
0°	5350.0	5562.4	5660.8	5694.1	5660.8	5562.4	5350.0	5032.8	4646.3	4187.6	3770.8
-2.5°	5278.6	5487.3	5621.3	5689.8	5621.3	5487.3	5278.6	4961.5	4585.0	4143.6	3716.4
-5°	5144.2	5390.2	5522.6	5597.1	5522.6	5390.2	5144.2	4822.1	4440.3	4035.7	3631.3
-7.5°	4943.0	5168.2	5338.5	5398.7	5338.5	5168.2	4943.0	4635.6	4249.5	3880.3	3503.1
-10°	4637.7	4859.3	5024.6	5097.8	5024.6	4859.3	4637.7	4332.4	4008.1	3676.2	3327.7
-12.5°	4272.4	4472.5	4624.8	4675.4	4624.8	4472.5	4272.4	4015.1	3714.1	3433.8	3141.7
-15°	3889.0	4057.2	4171.5	4206.9	4171.5	4057.2	3889.0	3672.0	3426.9	3186.3	2933.4
-17.5°	3514.9	3645.4	3733.7	3746.5	3733.7	3645.4	3514.9	3330.3	3138.0	2937.0	2724.4
-20°	3165.9	3267.1	3335.6	3333.5	3335.6	3267.1	3165.9	3026.1	2865.4	2692.3	2516.1



REPORT NUMBER: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2853.2	2934.9	2988.5	3010.8	2988.5	2934.9	2853.2	2743.1	2609.7	2466.0	2313.3
-25°	2565.7	2631.6	2670.8	2694.4	2670.8	2631.6	2565.7	2473.7	2363.4	2245.6	2114.4
-27.5°	2299.0	2351.9	2382.5	2406.3	2382.5	2351.9	2299.0	2222.4	2127.6	2026.9	1909.7
-30°	2049.1	2096.2	2125.5	2126.3	2125.5	2096.2	2049.1	1983.3	1903.1	1807.6	1701.3
-32.5°	1796.3	1839.4	1864.3	1858.7	1864.3	1839.4	1796.3	1736.7	1663.6	1569.7	1450.7
-35°	1525.7	1563.5	1585.9	1602.6	1585.9	1563.5	1525.7	1468.7	1389.8	1285.1	1154.5
-37.5°	1224.3	1270.2	1294.9	1297.8	1294.9	1270.2	1224.3	1155.3	1060.9	947.8	815.7
-40°	852.8	902.6	932.0	942.2	932.0	902.6	852.8	781.7	688.6	579.9	484.3
-42.5°	474.6	504.6	517.6	510.0	517.6	504.6	474.6	431.2	377.1	312.4	262.0
-45°	242.9	249.8	256.0	262.9	256.0	249.8	242.9	232.9	222.0	207.7	190.6
-47.5°	184.4	187.3	191.1	196.2	191.1	187.3	184.4	180.4	176.5	172.6	167.6
-50°	162.2	165.1	169.1	174.0	169.1	165.1	162.2	158.7	155.7	154.3	153.0
-52.5°	143.1	145.0	148.2	152.2	148.2	145.0	143.1	140.5	137.8	137.0	135.5
-55°	128.1	130.4	132.7	134.7	132.7	130.4	128.1	125.5	122.7	122.1	120.6
-57.5°	116.2	118.2	119.8	121.0	119.8	118.2	116.2	113.9	111.5	110.0	108.0
-60°	103.2	104.4	106.1	107.7	106.1	104.4	103.2	101.8	100.0	98.2	96.2
-62.5°	89.4	90.8	91.8	92.3	91.8	90.8	89.4	87.6	85.5	83.7	82.2
-65°	68.5	68.4	68.7	68.8	68.7	68.4	68.5	68.2	67.5	66.9	66.2
-67.5°	56.0	56.5	57.1	57.7	57.1	56.5	56.0	55.4	54.7	54.1	53.5
-70°	45.0	45.1	43.6	41.5	43.6	45.1	45.0	45.0	45.2	45.5	45.1
-72.5°	28.9	25.3	23.7	22.2	23.7	25.3	28.9	32.4	35.7	38.1	37.9
-75°	21.4	17.7	17.5	17.5	17.5	17.7	21.4	25.0	28.5	31.2	31.2
-77.5°	16.1	12.9	12.8	12.8	12.8	12.9	16.1	19.2	22.1	24.4	24.2
-80°	11.0	9.4	9.6	9.8	9.6	9.4	11.0	12.4	13.9	15.2	15.7
-82.5°	7.4	6.4	6.4	6.4	6.4	6.4	7.4	8.3	9.2	10.0	9.7
-85°	2.9	2.6	2.6	2.6	2.6	2.6	2.9	3.1	3.4	3.6	3.4
-87.5°	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.8	0.9	0.9
-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: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
85°	3.3	3.1	2.9	3.3	3.5	3.8	3.9	3.5	3.0	2.7	2.3
82.5°	9.4	9.0	8.7	8.7	8.7	8.8	8.6	7.6	6.6	5.7	4.9
80°	16.1	16.3	16.3	16.0	15.6	15.2	14.5	12.6	10.9	9.4	8.4
77.5°	24.1	24.0	23.8	23.2	22.6	22.1	21.0	18.2	15.5	13.0	11.7
75°	31.0	30.8	30.3	29.5	28.6	27.7	26.1	23.3	20.3	17.3	15.7
72.5°	37.6	37.2	36.6	35.6	34.5	33.4	31.8	29.3	26.3	22.7	20.9
70°	44.7	44.1	43.3	42.0	40.7	39.4	38.1	36.3	33.9	30.8	29.0
67.5°	52.8	51.8	50.9	49.6	48.3	46.7	45.6	44.1	42.2	39.6	37.6
65°	64.8	62.7	61.3	61.2	59.9	57.5	54.9	53.2	51.4	48.9	46.2
62.5°	80.9	80.0	77.5	74.9	72.8	71.1	67.9	64.4	61.3	58.5	55.2
60°	94.0	91.8	89.7	87.3	84.5	81.7	79.1	75.6	71.3	67.8	64.2
57.5°	105.3	103.2	101.8	99.5	96.2	93.4	90.5	87.0	82.7	77.7	73.2
55°	118.1	116.5	115.0	112.8	109.8	106.0	102.3	98.6	93.8	87.7	82.2
52.5°	133.2	131.3	129.1	126.8	123.3	118.6	114.2	109.8	104.3	97.7	90.9
50°	151.0	146.9	143.4	140.3	135.7	130.5	125.2	120.2	113.7	106.9	99.9
47.5°	164.3	160.8	156.8	152.3	147.2	141.6	135.7	129.4	122.6	115.5	108.1
45°	184.2	176.7	168.8	163.9	158.1	152.0	145.7	138.6	131.2	123.6	115.8
42.5°	236.0	208.0	189.8	179.3	169.6	162.8	155.2	147.5	139.6	131.5	123.3
40°	387.0	277.9	241.4	205.9	187.2	175.0	165.1	156.0	147.7	139.1	130.5
37.5°	664.0	509.4	383.5	269.7	227.3	191.5	176.7	164.9	155.4	146.5	137.4
35°	1011.8	833.6	627.2	459.1	304.7	237.9	191.9	175.5	163.3	153.6	144.1
32.5°	1314.0	1140.5	941.1	709.8	497.4	321.0	237.0	189.5	172.0	160.7	150.5
30°	1571.1	1410.7	1220.3	989.9	735.5	496.0	302.9	225.5	185.0	167.4	156.7
27.5°	1780.7	1636.9	1458.6	1249.1	989.6	708.1	459.7	270.2	204.4	177.5	162.6
25°	1973.3	1821.5	1654.3	1458.8	1222.6	938.7	631.2	388.1	242.7	188.3	168.0
22.5°	2156.2	1995.0	1823.2	1633.8	1415.2	1143.8	837.1	519.3	281.4	207.8	176.4
20°	2333.0	2155.4	1976.4	1779.5	1561.2	1324.6	1023.6	676.4	391.8	237.4	184.5
17.5°	2514.1	2310.9	2108.2	1907.7	1686.5	1448.9	1168.9	834.5	487.7	264.1	191.4
15°	2685.8	2458.6	2234.9	2014.6	1793.4	1552.7	1290.2	975.2	583.0	318.0	211.1
12.5°	2859.4	2595.1	2352.2	2105.2	1883.2	1639.2	1376.3	1071.3	694.7	384.1	230.7
10°	3016.7	2720.2	2451.0	2189.6	1950.2	1708.3	1445.4	1148.5	786.6	438.5	246.8
7.5°	3151.6	2829.1	2533.2	2258.4	2004.1	1765.9	1504.7	1210.1	855.9	480.5	259.4
5°	3255.6	2908.7	2596.4	2314.8	2045.9	1805.1	1548.1	1254.9	902.5	510.0	268.4
2.5°	3318.1	2956.9	2633.5	2349.8	2071.9	1827.5	1571.1	1283.6	932.2	529.0	275.1
0°	3345.1	2971.4	2660.7	2373.4	2081.9	1836.9	1570.6	1294.4	943.0	536.1	278.3
-2.5°	3318.1	2956.9	2633.5	2349.8	2071.9	1827.5	1571.1	1283.6	932.2	529.0	275.1
-5°	3255.6	2908.7	2596.4	2314.8	2045.9	1805.1	1548.1	1254.9	902.5	510.0	268.4
-7.5°	3151.6	2829.1	2533.2	2258.4	2004.1	1765.9	1504.7	1210.1	855.9	480.5	259.4
-10°	3016.7	2720.2	2451.0	2189.6	1950.2	1708.3	1445.4	1148.5	786.6	438.5	246.8
-12.5°	2859.4	2595.1	2352.2	2105.2	1883.2	1639.2	1376.3	1071.3	694.7	384.1	230.7
-15°	2685.8	2458.6	2234.9	2014.6	1793.4	1552.7	1290.2	975.2	583.0	318.0	211.1
-17.5°	2514.1	2310.9	2108.2	1907.7	1686.5	1448.9	1168.9	834.5	487.7	264.1	191.4
-20°	2333.0	2155.4	1976.4	1779.5	1561.2	1324.6	1023.6	676.4	391.8	237.4	184.5



REPORT NUMBER: P558549 (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°	2156.2	1995.0	1823.2	1633.8	1415.2	1143.8	837.1	519.3	281.4	207.8	176.4
-25°	1973.3	1821.5	1654.3	1458.8	1222.6	938.7	631.2	388.1	242.7	188.3	168.0
-27.5°	1780.7	1636.9	1458.6	1249.1	989.6	708.1	459.7	270.2	204.4	177.5	162.6
-30°	1571.1	1410.7	1220.3	989.9	735.5	496.0	302.9	225.5	185.0	167.4	156.7
-32.5°	1314.0	1140.5	941.1	709.8	497.4	321.0	237.0	189.5	172.0	160.7	150.5
-35°	1011.8	833.6	627.2	459.1	304.7	237.9	191.9	175.5	163.3	153.6	144.1
-37.5°	664.0	509.4	383.5	269.7	227.3	191.5	176.7	164.9	155.4	146.5	137.4
-40°	387.0	277.9	241.4	205.9	187.2	175.0	165.1	156.0	147.7	139.1	130.5
-42.5°	236.0	208.0	189.8	179.3	169.6	162.8	155.2	147.5	139.6	131.5	123.3
-45°	184.2	176.7	168.8	163.9	158.1	152.0	145.7	138.6	131.2	123.6	115.8
-47.5°	164.3	160.8	156.8	152.3	147.2	141.6	135.7	129.4	122.6	115.5	108.1
-50°	151.0	146.9	143.4	140.3	135.7	130.5	125.2	120.2	113.7	106.9	99.9
-52.5°	133.2	131.3	129.1	126.8	123.3	118.6	114.2	109.8	104.3	97.7	90.9
-55°	118.1	116.5	115.0	112.8	109.8	106.0	102.3	98.6	93.8	87.7	82.2
-57.5°	105.3	103.2	101.8	99.5	96.2	93.4	90.5	87.0	82.7	77.7	73.2
-60°	94.0	91.8	89.7	87.3	84.5	81.7	79.1	75.6	71.3	67.8	64.2
-62.5°	80.9	80.0	77.5	74.9	72.8	71.1	67.9	64.4	61.3	58.5	55.2
-65°	64.8	62.7	61.3	61.2	59.9	57.5	54.9	53.2	51.4	48.9	46.2
-67.5°	52.8	51.8	50.9	49.6	48.3	46.7	45.6	44.1	42.2	39.6	37.6
-70°	44.7	44.1	43.3	42.0	40.7	39.4	38.1	36.3	33.9	30.8	29.0
-72.5°	37.6	37.2	36.6	35.6	34.5	33.4	31.8	29.3	26.3	22.7	20.9
-75°	31.0	30.8	30.3	29.5	28.6	27.7	26.1	23.3	20.3	17.3	15.7
-77.5°	24.1	24.0	23.8	23.2	22.6	22.1	21.0	18.2	15.5	13.0	11.7
-80°	16.1	16.3	16.3	16.0	15.6	15.2	14.5	12.6	10.9	9.4	8.4
-82.5°	9.4	9.0	8.7	8.7	8.7	8.8	8.6	7.6	6.6	5.7	4.9
-85°	3.3	3.1	2.9	3.3	3.5	3.8	3.9	3.5	3.0	2.7	2.3
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
-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: P558549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-U-MWR-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°	0.7	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.0	1.0	0.9
85°	2.5	2.5	2.5	2.5	2.3	2.2	2.2	2.2	2.1	1.9	1.7
82.5°	5.1	5.3	5.4	5.4	5.0	4.7	4.3	4.0	3.5	3.0	2.6
80°	8.8	9.1	9.2	8.9	8.1	7.2	6.7	6.1	5.7	5.1	4.3
77.5°	12.6	13.1	13.4	13.1	11.9	10.7	9.6	8.5	7.9	7.2	6.3
75°	16.5	17.3	17.8	17.5	16.0	14.2	12.7	11.5	10.6	9.4	8.3
72.5°	21.3	21.7	22.2	22.1	20.8	19.0	16.6	14.4	13.4	12.1	10.5
70°	27.9	26.6	26.3	26.2	25.4	24.0	21.6	18.7	16.3	14.8	13.0
67.5°	35.9	34.2	32.5	30.6	29.7	28.4	26.5	23.2	20.0	17.6	15.5
65°	43.8	41.5	39.5	36.7	34.5	32.8	30.9	27.3	23.6	20.5	18.1
62.5°	51.8	48.5	45.7	42.6	39.7	37.3	35.2	31.2	27.0	23.3	20.4
60°	60.3	56.3	52.0	48.3	44.7	41.5	38.7	35.0	30.5	25.9	22.5
57.5°	68.9	64.3	59.0	54.1	49.8	45.9	42.1	38.3	33.9	28.8	24.3
55°	77.3	72.2	65.9	60.1	55.0	50.5	45.7	41.3	37.1	31.8	25.7
52.5°	84.9	79.6	73.3	66.2	60.1	54.8	49.5	44.3	39.8	34.7	27.6
50°	92.7	86.0	80.0	73.0	65.2	59.1	53.2	47.6	42.4	37.4	29.3
47.5°	100.7	93.0	85.9	79.3	71.3	63.2	57.0	50.9	45.0	39.7	30.8
45°	108.0	100.1	92.0	84.6	77.1	68.1	60.7	54.0	47.8	40.9	32.1
42.5°	115.0	106.7	98.2	89.8	81.9	72.8	64.2	57.2	50.5	41.8	33.0
40°	121.7	112.9	104.1	95.4	86.7	77.2	68.1	60.3	52.8	42.6	33.6
37.5°	128.1	118.9	109.7	100.7	91.6	81.7	71.7	63.2	54.0	43.5	34.0
35°	134.3	124.5	115.2	105.7	96.2	86.2	74.9	66.1	55.7	44.2	34.3
32.5°	140.2	130.0	120.4	110.6	100.6	90.8	78.5	68.7	57.8	44.8	34.3
30°	145.9	135.4	125.3	115.2	104.8	94.6	82.5	71.2	60.3	45.2	34.3
27.5°	151.4	140.4	129.8	119.5	108.8	98.1	86.4	73.7	63.0	46.1	34.6
25°	156.4	145.1	134.1	123.4	112.6	101.5	90.1	76.1	65.3	48.0	34.7
22.5°	161.1	149.3	138.0	127.0	116.2	104.7	93.1	79.1	67.2	49.9	34.6
20°	165.3	153.0	141.6	130.8	119.6	107.8	95.7	81.9	69.0	51.9	34.4
17.5°	169.5	156.9	145.7	134.4	122.7	110.6	98.2	84.3	70.6	53.8	34.1
15°	176.2	161.1	149.5	137.8	125.5	113.1	100.4	86.4	72.1	55.7	34.0
12.5°	182.2	164.9	152.8	140.9	128.2	115.3	102.4	88.2	73.4	57.0	34.2
10°	187.3	168.3	155.8	143.7	130.5	117.2	104.2	89.8	74.5	57.5	34.1
7.5°	191.4	171.1	158.4	146.2	132.7	119.1	105.9	91.1	75.6	57.5	33.8
5°	195.0	174.2	161.6	149.0	135.3	120.8	107.2	92.1	76.6	57.1	33.4
2.5°	199.0	178.0	165.2	151.5	137.5	122.3	108.3	92.8	77.3	56.3	32.8
0°	202.2	181.3	168.4	153.5	139.4	123.5	109.0	93.2	77.8	55.1	32.1
-2.5°	199.0	178.0	165.2	151.5	137.5	122.3	108.3	92.8	77.3	56.3	32.8
-5°	195.0	174.2	161.6	149.0	135.3	120.8	107.2	92.1	76.6	57.1	33.4
-7.5°	191.4	171.1	158.4	146.2	132.7	119.1	105.9	91.1	75.6	57.5	33.8
-10°	187.3	168.3	155.8	143.7	130.5	117.2	104.2	89.8	74.5	57.5	34.1
-12.5°	182.2	164.9	152.8	140.9	128.2	115.3	102.4	88.2	73.4	57.0	34.2
-15°	176.2	161.1	149.5	137.8	125.5	113.1	100.4	86.4	72.1	55.7	34.0
-17.5°	169.5	156.9	145.7	134.4	122.7	110.6	98.2	84.3	70.6	53.8	34.1
-20°	165.3	153.0	141.6	130.8	119.6	107.8	95.7	81.9	69.0	51.9	34.4



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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°	161.1	149.3	138.0	127.0	116.2	104.7	93.1	79.1	67.2	49.9	34.6
-25°	156.4	145.1	134.1	123.4	112.6	101.5	90.1	76.1	65.3	48.0	34.7
-27.5°	151.4	140.4	129.8	119.5	108.8	98.1	86.4	73.7	63.0	46.1	34.6
-30°	145.9	135.4	125.3	115.2	104.8	94.6	82.5	71.2	60.3	45.2	34.3
-32.5°	140.2	130.0	120.4	110.6	100.6	90.8	78.5	68.7	57.8	44.8	34.3
-35°	134.3	124.5	115.2	105.7	96.2	86.2	74.9	66.1	55.7	44.2	34.3
-37.5°	128.1	118.9	109.7	100.7	91.6	81.7	71.7	63.2	54.0	43.5	34.0
-40°	121.7	112.9	104.1	95.4	86.7	77.2	68.1	60.3	52.8	42.6	33.6
-42.5°	115.0	106.7	98.2	89.8	81.9	72.8	64.2	57.2	50.5	41.8	33.0
-45°	108.0	100.1	92.0	84.6	77.1	68.1	60.7	54.0	47.8	40.9	32.1
-47.5°	100.7	93.0	85.9	79.3	71.3	63.2	57.0	50.9	45.0	39.7	30.8
-50°	92.7	86.0	80.0	73.0	65.2	59.1	53.2	47.6	42.4	37.4	29.3
-52.5°	84.9	79.6	73.3	66.2	60.1	54.8	49.5	44.3	39.8	34.7	27.6
-55°	77.3	72.2	65.9	60.1	55.0	50.5	45.7	41.3	37.1	31.8	25.7
-57.5°	68.9	64.3	59.0	54.1	49.8	45.9	42.1	38.3	33.9	28.8	24.3
-60°	60.3	56.3	52.0	48.3	44.7	41.5	38.7	35.0	30.5	25.9	22.5
-62.5°	51.8	48.5	45.7	42.6	39.7	37.3	35.2	31.2	27.0	23.3	20.4
-65°	43.8	41.5	39.5	36.7	34.5	32.8	30.9	27.3	23.6	20.5	18.1
-67.5°	35.9	34.2	32.5	30.6	29.7	28.4	26.5	23.2	20.0	17.6	15.5
-70°	27.9	26.6	26.3	26.2	25.4	24.0	21.6	18.7	16.3	14.8	13.0
-72.5°	21.3	21.7	22.2	22.1	20.8	19.0	16.6	14.4	13.4	12.1	10.5
-75°	16.5	17.3	17.8	17.5	16.0	14.2	12.7	11.5	10.6	9.4	8.3
-77.5°	12.6	13.1	13.4	13.1	11.9	10.7	9.6	8.5	7.9	7.2	6.3
-80°	8.8	9.1	9.2	8.9	8.1	7.2	6.7	6.1	5.7	5.1	4.3
-82.5°	5.1	5.3	5.4	5.4	5.0	4.7	4.3	4.0	3.5	3.0	2.6
-85°	2.5	2.5	2.5	2.5	2.3	2.2	2.2	2.2	2.1	1.9	1.7
-87.5°	0.7	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.0	1.0	0.9
-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):

	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°	0.8	0.6	0.4	0.3	0.2	0.1	0.0
85°	1.5	1.2	0.9	0.6	0.4	0.2	0.0
82.5°	2.3	1.8	1.3	0.9	0.5	0.3	0.0
80°	3.2	2.4	1.8	1.2	0.7	0.4	0.0
77.5°	5.0	3.2	2.2	1.5	0.9	0.5	0.0
75°	6.8	4.6	2.7	1.8	1.1	0.5	0.0
72.5°	8.6	6.0	3.7	2.1	1.3	0.6	0.0
70°	10.3	7.3	4.7	2.4	1.4	0.7	0.0
67.5°	12.3	8.6	5.7	3.1	1.6	0.8	0.0
65°	14.3	10.0	6.6	3.7	1.8	0.9	0.0
62.5°	16.1	11.4	7.5	4.4	1.9	1.0	0.0
60°	17.8	12.8	8.4	5.0	2.1	1.0	0.0
57.5°	19.1	14.1	9.3	5.6	2.5	1.1	0.0
55°	20.1	15.3	10.3	6.1	2.8	1.2	0.0
52.5°	20.9	16.4	11.1	6.6	3.2	1.3	0.0
50°	21.7	16.9	11.9	7.1	3.5	1.3	0.0
47.5°	22.3	17.3	12.7	7.6	3.9	1.4	0.0
45°	23.4	17.6	13.4	8.1	4.2	1.5	0.0
42.5°	24.3	17.8	14.0	8.6	4.5	1.5	0.0
40°	25.1	17.9	14.3	9.1	4.8	1.6	0.0
37.5°	25.7	17.9	14.4	9.6	5.0	1.7	0.0
35°	26.1	18.2	14.3	10.1	5.3	1.7	0.0
32.5°	26.3	18.4	14.3	10.5	5.5	1.8	0.0
30°	26.2	18.6	14.1	11.0	5.7	1.8	0.0
27.5°	26.1	18.7	14.3	11.4	5.9	1.9	0.0
25°	25.8	18.6	14.4	11.9	6.1	1.9	0.0
22.5°	25.4	18.6	14.6	12.3	6.2	1.9	0.0
20°	24.8	19.1	14.7	12.6	6.4	2.0	0.0
17.5°	24.9	19.5	14.8	13.0	6.5	2.0	0.0
15°	25.3	19.9	14.8	13.3	6.6	2.0	0.0
12.5°	25.6	20.2	14.9	13.6	6.7	2.1	0.0
10°	25.8	20.4	14.9	13.9	6.7	2.1	0.0
7.5°	26.0	20.6	15.0	14.1	6.8	2.1	0.0
5°	26.1	20.8	15.0	14.3	6.8	2.1	0.0
2.5°	26.1	20.9	15.0	14.4	6.8	2.1	0.0
0°	26.1	20.9	15.0	14.4	6.8	2.1	0.0
-2.5°	26.1	20.9	15.0	14.4	6.8	2.1	0.0
-5°	26.1	20.8	15.0	14.3	6.8	2.1	0.0
-7.5°	26.0	20.6	15.0	14.1	6.8	2.1	0.0
-10°	25.8	20.4	14.9	13.9	6.7	2.1	0.0
-12.5°	25.6	20.2	14.9	13.6	6.7	2.1	0.0
-15°	25.3	19.9	14.8	13.3	6.6	2.0	0.0
-17.5°	24.9	19.5	14.8	13.0	6.5	2.0	0.0
-20°	24.8	19.1	14.7	12.6	6.4	2.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.4	18.6	14.6	12.3	6.2	1.9	0.0
-25°	25.8	18.6	14.4	11.9	6.1	1.9	0.0
-27.5°	26.1	18.7	14.3	11.4	5.9	1.9	0.0
-30°	26.2	18.6	14.1	11.0	5.7	1.8	0.0
-32.5°	26.3	18.4	14.3	10.5	5.5	1.8	0.0
-35°	26.1	18.2	14.3	10.1	5.3	1.7	0.0
-37.5°	25.7	17.9	14.4	9.6	5.0	1.7	0.0
-40°	25.1	17.9	14.3	9.1	4.8	1.6	0.0
-42.5°	24.3	17.8	14.0	8.6	4.5	1.5	0.0
-45°	23.4	17.6	13.4	8.1	4.2	1.5	0.0
-47.5°	22.3	17.3	12.7	7.6	3.9	1.4	0.0
-50°	21.7	16.9	11.9	7.1	3.5	1.3	0.0
-52.5°	20.9	16.4	11.1	6.6	3.2	1.3	0.0
-55°	20.1	15.3	10.3	6.1	2.8	1.2	0.0
-57.5°	19.1	14.1	9.3	5.6	2.5	1.1	0.0
-60°	17.8	12.8	8.4	5.0	2.1	1.0	0.0
-62.5°	16.1	11.4	7.5	4.4	1.9	1.0	0.0
-65°	14.3	10.0	6.6	3.7	1.8	0.9	0.0
-67.5°	12.3	8.6	5.7	3.1	1.6	0.8	0.0
-70°	10.3	7.3	4.7	2.4	1.4	0.7	0.0
-72.5°	8.6	6.0	3.7	2.1	1.3	0.6	0.0
-75°	6.8	4.6	2.7	1.8	1.1	0.5	0.0
-77.5°	5.0	3.2	2.2	1.5	0.9	0.5	0.0
-80°	3.2	2.4	1.8	1.2	0.7	0.4	0.0
-82.5°	2.3	1.8	1.3	0.9	0.5	0.3	0.0
-85°	1.5	1.2	0.9	0.6	0.4	0.2	0.0
-87.5°	0.8	0.6	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)