

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: P558648 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558648 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-940-U-TS-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT N2
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

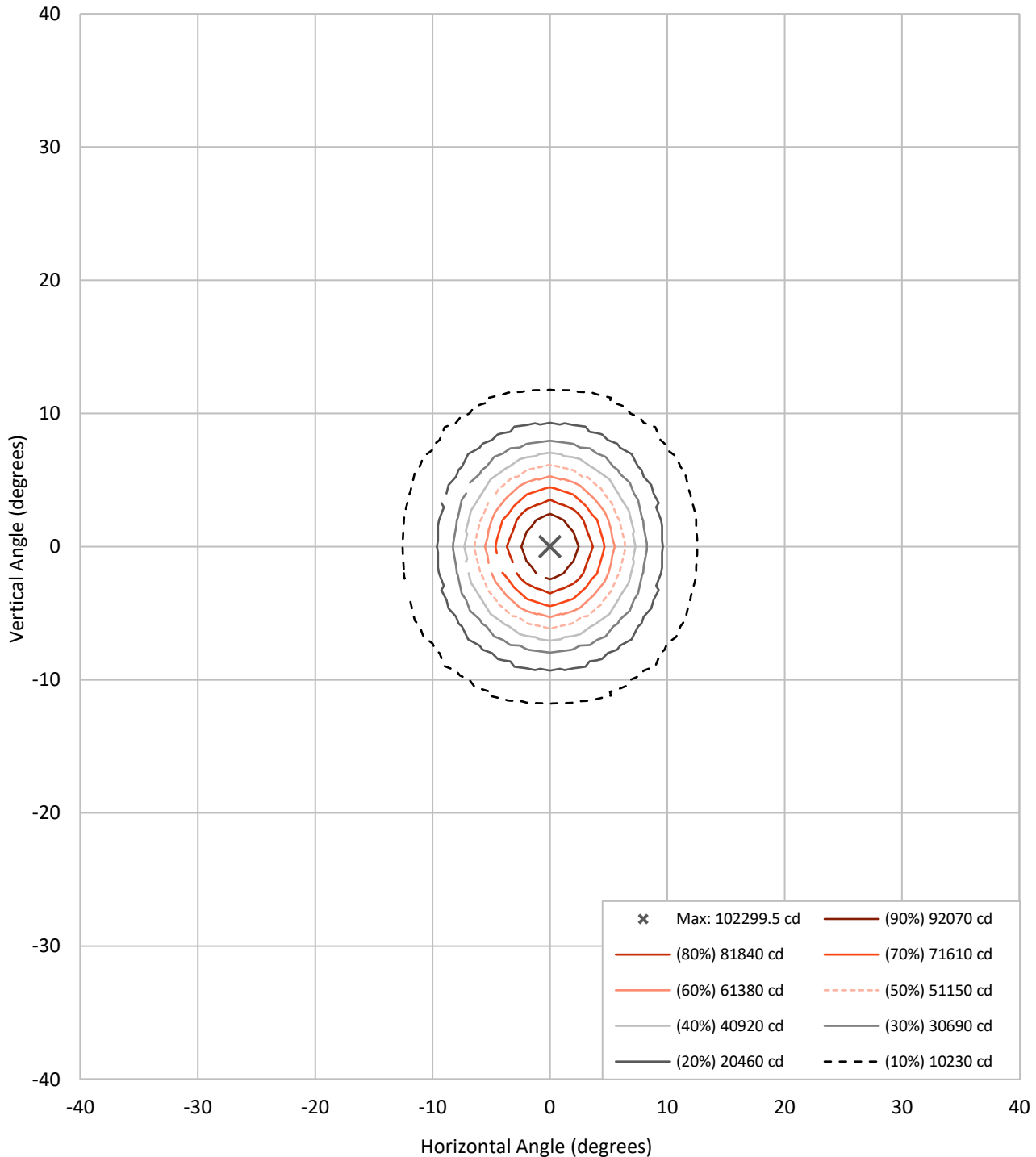
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	7415.4 lumens	Max Intensity:	102299.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	2343.1 lumens	Field Lumens:	5190.8 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 63
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





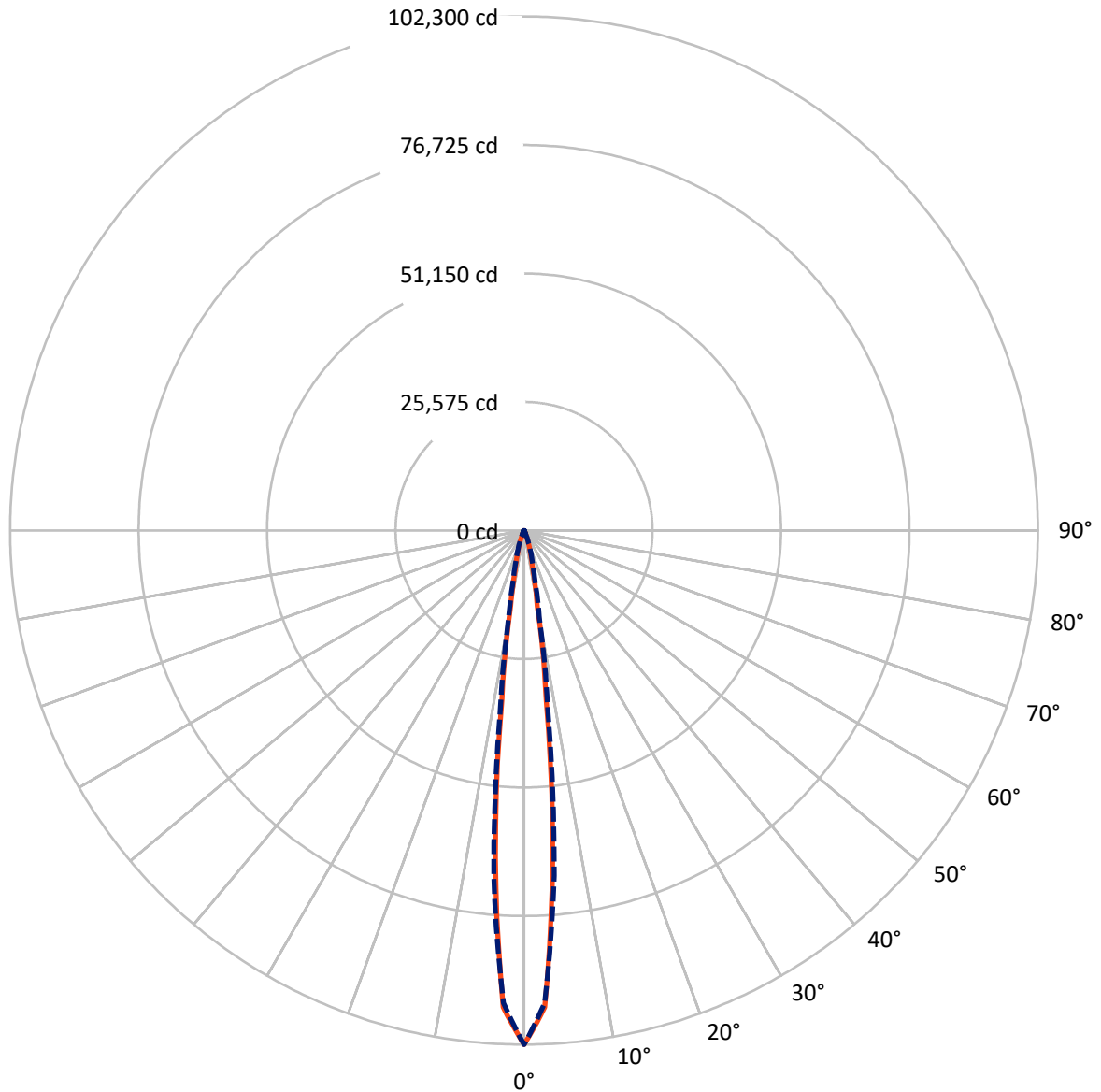
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Lumen Table

90	0.1	0.9	2.4	3.8	4.4	3.8	2.4	0.9	0.1										
80	0.1	0.9	2.4	3.8	4.4	3.8	2.4	0.9	0.1										
70	0.4	0.5	1.0	1.6	2.2	2.7	3.0	3.2	3.2	3.0	2.7	2.2	1.6	1.0	0.5	0.4			
60		0.7	1.4	2.2	2.8	3.3	3.6	3.8	3.8	3.6	3.3	2.8	2.2	1.4	0.7				
50	0.7	0.9	1.8	2.5	3.1	3.7	4.1	4.3	4.3	4.1	3.7	3.1	2.5	1.8	0.9	0.7			
40		1.1	2.0	2.7	3.5	4.5	5.7	6.4	6.4	5.7	4.5	3.5	2.7	2.0	1.1				
30	1.0	1.2	2.1	2.9	4.1	6.4	14.2	25.9	25.9	14.2	6.4	4.1	2.9	2.1	1.2	1.0			
20		1.3	2.1	3.1	4.9	13.8	77.8	171.1	171.1	77.8	13.8	4.9	3.1	2.1	1.3				
10	1.0	1.3	2.2	3.2	5.4	26.4	186.7	1207.5	1207.5	186.7	26.4	5.4	3.2	2.2	1.3	1.0			
0		1.3	2.2	3.2	5.4	26.4	186.7	1207.5	1207.5	186.7	26.4	5.4	3.2	2.2	1.3				
-10	1.0	1.3	2.1	3.1	4.9	13.8	77.8	171.1	171.1	77.8	13.8	4.9	3.1	2.1	1.3	1.0			
-20		1.2	2.1	2.9	4.1	6.4	14.2	25.9	25.9	14.2	6.4	4.1	2.9	2.1	1.2				
-30	0.7	1.1	2.0	2.7	3.5	4.5	5.7	6.4	6.4	5.7	4.5	3.5	2.7	2.0	1.1	0.7			
-40		0.9	1.8	2.5	3.1	3.7	4.1	4.3	4.3	4.1	3.7	3.1	2.5	1.8	0.9				
-50	0.4	0.7	1.4	2.2	2.8	3.3	3.6	3.8	3.8	3.6	3.3	2.8	2.2	1.4	0.7	0.4			
-60		0.5	1.0	1.6	2.2	2.7	3.0	3.2	3.2	3.0	2.7	2.2	1.6	1.0	0.5				
-70	0.1	0.9	2.4	3.8	4.4	3.8	2.4	0.9	0.1							0.1			
-80		0.1	0.9	2.4	3.8	4.4	3.8	2.4	0.9	0.1									
-90	0.1	0.9	2.4	3.8	4.4	3.8	2.4	0.9	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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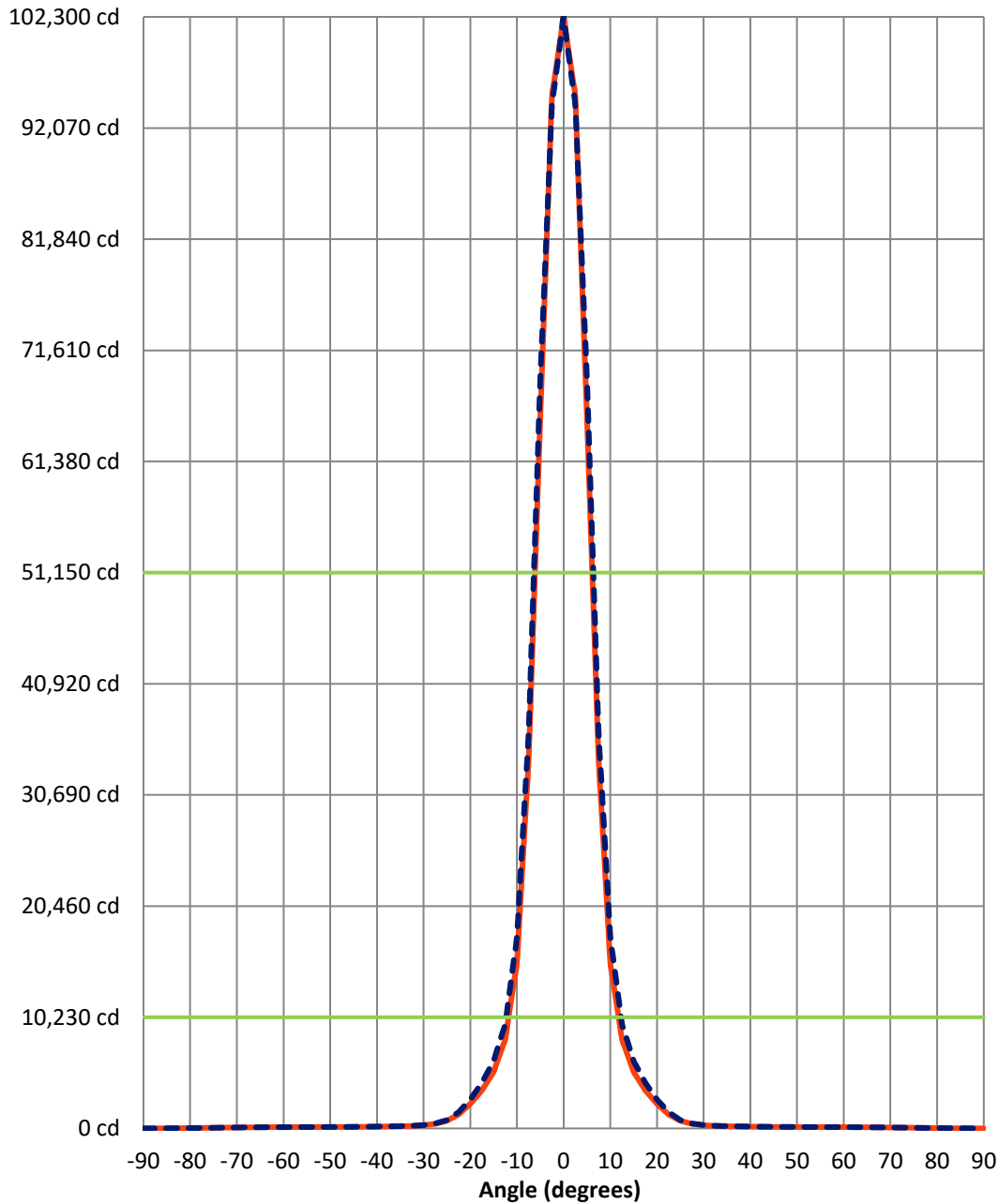
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 2343.1
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 5190.8
 Efficiency: 70.0%

Spill:
 Lumens: 2224.5
 Efficiency: 30.0%

- 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	0.2	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8	2.0
85°	0.0	0.5	1.0	1.4	1.8	2.2	2.5	2.9	3.3	3.7	4.1
82.5°	0.0	0.7	1.4	2.1	2.7	3.2	3.7	4.3	5.0	5.9	6.8
80°	0.0	1.0	1.9	2.8	3.6	4.3	5.0	6.2	7.4	8.7	10.0
77.5°	0.0	1.2	2.4	3.5	4.5	5.5	6.8	8.3	9.8	11.5	13.2
75°	0.0	1.4	2.8	4.1	5.4	7.0	8.5	10.3	12.3	14.5	16.6
72.5°	0.0	1.7	3.3	4.8	6.5	8.4	10.3	12.5	15.1	17.7	20.0
70°	0.0	1.9	3.8	5.5	7.7	9.8	12.0	15.0	18.0	20.8	24.7
67.5°	0.0	2.1	4.2	6.4	8.8	11.3	14.2	17.5	20.8	25.1	29.5
65°	0.0	2.3	4.6	7.2	9.9	12.8	16.4	20.0	24.4	29.2	34.3
62.5°	0.0	2.5	5.1	8.0	11.0	14.5	18.4	22.8	27.9	33.4	39.3
60°	0.0	2.7	5.5	8.8	12.1	16.2	20.5	25.8	31.4	37.7	44.1
57.5°	0.0	3.0	6.0	9.6	13.4	17.8	22.9	28.6	35.1	42.0	49.1
55°	0.0	3.2	6.5	10.4	14.6	19.4	25.3	31.4	38.8	46.3	54.0
52.5°	0.0	3.3	7.0	11.1	15.8	21.0	27.6	34.6	42.4	50.6	58.7
50°	0.0	3.5	7.5	11.8	17.0	22.9	29.8	37.7	46.0	54.7	63.5
47.5°	0.0	3.7	7.9	12.6	18.1	24.7	32.1	40.6	49.5	58.7	68.1
45°	0.0	3.9	8.4	13.4	19.2	26.4	34.5	43.5	53.0	62.7	72.6
42.5°	0.0	4.1	8.8	14.1	20.2	28.1	36.8	46.3	56.3	66.6	76.4
40°	0.0	4.2	9.2	14.8	21.3	29.7	39.0	49.0	59.5	70.4	80.0
37.5°	0.0	4.4	9.5	15.5	22.5	31.2	41.1	51.6	62.6	73.7	83.4
35°	0.0	4.5	9.9	16.1	23.7	32.8	43.0	54.1	65.5	76.6	86.5
32.5°	0.0	4.6	10.2	16.7	24.8	34.3	44.9	56.4	68.3	79.3	89.1
30°	0.0	4.8	10.5	17.2	25.8	35.7	46.8	58.6	70.8	81.7	91.6
27.5°	0.0	4.9	10.8	17.7	26.7	37.0	48.5	60.7	73.0	84.0	93.9
25°	0.0	5.0	11.1	18.2	27.5	38.2	50.0	62.5	74.9	86.0	95.9
22.5°	0.0	5.1	11.3	18.6	28.3	39.3	51.5	64.2	76.6	87.7	97.5
20°	0.0	5.2	11.6	18.9	29.0	40.3	52.8	65.7	78.1	89.2	99.0
17.5°	0.0	5.2	11.8	19.2	29.6	41.2	53.9	67.0	79.4	90.5	100.2
15°	0.0	5.3	11.9	19.5	30.1	42.0	54.9	68.2	80.5	91.6	101.4
12.5°	0.0	5.4	12.1	19.7	30.6	42.6	55.8	69.1	81.5	92.5	102.3
10°	0.0	5.4	12.2	19.8	31.0	43.1	56.5	69.9	82.2	93.3	103.1
7.5°	0.0	5.5	12.3	19.9	31.3	43.6	57.1	70.4	82.8	93.9	103.6
5°	0.0	5.5	12.3	20.0	31.5	43.9	57.5	70.8	83.2	94.2	103.9
2.5°	0.0	5.5	12.4	20.0	31.7	44.0	57.7	70.9	83.3	94.4	104.1
0°	0.0	5.5	12.4	20.0	31.7	44.0	57.7	70.9	83.3	94.4	104.1
-2.5°	0.0	5.5	12.4	20.0	31.7	44.0	57.7	70.9	83.3	94.4	104.1
-5°	0.0	5.5	12.3	20.0	31.5	43.9	57.5	70.8	83.2	94.2	103.9
-7.5°	0.0	5.5	12.3	19.9	31.3	43.6	57.1	70.4	82.8	93.9	103.6
-10°	0.0	5.4	12.2	19.8	31.0	43.1	56.5	69.9	82.2	93.3	103.1
-12.5°	0.0	5.4	12.1	19.7	30.6	42.6	55.8	69.1	81.5	92.5	102.3
-15°	0.0	5.3	11.9	19.5	30.1	42.0	54.9	68.2	80.5	91.6	101.4
-17.5°	0.0	5.2	11.8	19.2	29.6	41.2	53.9	67.0	79.4	90.5	100.2
-20°	0.0	5.2	11.6	18.9	29.0	40.3	52.8	65.7	78.1	89.2	99.0



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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	5.1	11.3	18.6	28.3	39.3	51.5	64.2	76.6	87.7	97.5
-25°	0.0	5.0	11.1	18.2	27.5	38.2	50.0	62.5	74.9	86.0	95.9
-27.5°	0.0	4.9	10.8	17.7	26.7	37.0	48.5	60.7	73.0	84.0	93.9
-30°	0.0	4.8	10.5	17.2	25.8	35.7	46.8	58.6	70.8	81.7	91.6
-32.5°	0.0	4.6	10.2	16.7	24.8	34.3	44.9	56.4	68.3	79.3	89.1
-35°	0.0	4.5	9.9	16.1	23.7	32.8	43.0	54.1	65.5	76.6	86.5
-37.5°	0.0	4.4	9.5	15.5	22.5	31.2	41.1	51.6	62.6	73.7	83.4
-40°	0.0	4.2	9.2	14.8	21.3	29.7	39.0	49.0	59.5	70.4	80.0
-42.5°	0.0	4.1	8.8	14.1	20.2	28.1	36.8	46.3	56.3	66.6	76.4
-45°	0.0	3.9	8.4	13.4	19.2	26.4	34.5	43.5	53.0	62.7	72.6
-47.5°	0.0	3.7	7.9	12.6	18.1	24.7	32.1	40.6	49.5	58.7	68.1
-50°	0.0	3.5	7.5	11.8	17.0	22.9	29.8	37.7	46.0	54.7	63.5
-52.5°	0.0	3.3	7.0	11.1	15.8	21.0	27.6	34.6	42.4	50.6	58.7
-55°	0.0	3.2	6.5	10.4	14.6	19.4	25.3	31.4	38.8	46.3	54.0
-57.5°	0.0	3.0	6.0	9.6	13.4	17.8	22.9	28.6	35.1	42.0	49.1
-60°	0.0	2.7	5.5	8.8	12.1	16.2	20.5	25.8	31.4	37.7	44.1
-62.5°	0.0	2.5	5.1	8.0	11.0	14.5	18.4	22.8	27.9	33.4	39.3
-65°	0.0	2.3	4.6	7.2	9.9	12.8	16.4	20.0	24.4	29.2	34.3
-67.5°	0.0	2.1	4.2	6.4	8.8	11.3	14.2	17.5	20.8	25.1	29.5
-70°	0.0	1.9	3.8	5.5	7.7	9.8	12.0	15.0	18.0	20.8	24.7
-72.5°	0.0	1.7	3.3	4.8	6.5	8.4	10.3	12.5	15.1	17.7	20.0
-75°	0.0	1.4	2.8	4.1	5.4	7.0	8.5	10.3	12.3	14.5	16.6
-77.5°	0.0	1.2	2.4	3.5	4.5	5.5	6.8	8.3	9.8	11.5	13.2
-80°	0.0	1.0	1.9	2.8	3.6	4.3	5.0	6.2	7.4	8.7	10.0
-82.5°	0.0	0.7	1.4	2.1	2.7	3.2	3.7	4.3	5.0	5.9	6.8
-85°	0.0	0.5	1.0	1.4	1.8	2.2	2.5	2.9	3.3	3.7	4.1
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8	2.0
-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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 CATALOG NUMBER: GFLD-SA2B-940-U-TS-XX

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°	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8
85°	4.4	4.8	5.3	5.7	6.1	6.5	6.8	7.1	7.5	7.9	8.3
82.5°	7.6	8.2	8.8	9.3	9.8	10.2	10.7	11.5	12.6	13.6	14.5
80°	10.9	11.7	12.8	14.0	15.3	16.5	17.7	18.9	20.1	21.5	22.8
77.5°	14.7	16.2	17.9	19.8	21.6	23.6	25.7	27.8	29.8	31.4	32.9
75°	18.6	20.7	23.5	26.4	29.1	31.8	34.5	37.2	39.5	41.7	43.9
72.5°	23.2	26.6	30.0	33.3	36.8	40.2	43.3	46.3	49.3	52.2	55.1
70°	28.6	32.5	36.6	40.8	44.8	48.6	52.3	56.0	59.7	63.0	66.0
67.5°	34.1	38.7	43.5	48.2	52.6	56.9	61.2	65.5	69.7	73.1	76.2
65°	39.6	44.9	50.2	55.3	60.1	65.1	70.0	74.8	78.6	81.8	84.9
62.5°	45.1	51.0	56.8	62.4	67.9	73.3	78.1	82.3	86.3	89.8	93.1
60°	50.7	57.1	63.4	69.5	75.3	80.3	85.2	89.4	93.4	97.2	100.1
57.5°	56.2	63.2	70.0	76.3	81.8	87.0	91.6	96.1	99.5	102.6	105.7
55°	61.6	69.1	76.1	82.3	87.9	92.8	97.5	101.3	104.7	107.6	110.7
52.5°	67.0	74.8	81.6	87.9	93.3	98.2	102.3	106.1	109.3	112.3	114.7
50°	72.2	79.8	86.9	92.8	98.2	102.8	106.7	110.3	113.4	116.1	118.4
47.5°	76.8	84.7	91.4	97.5	102.6	107.0	110.7	114.1	117.2	119.6	121.8
45°	81.1	88.9	95.7	101.5	106.5	110.6	114.3	117.8	120.3	122.7	124.4
42.5°	85.2	92.7	99.4	105.4	109.8	113.8	117.5	120.5	123.2	125.2	127.1
40°	88.7	96.5	102.9	108.3	112.9	116.7	120.0	123.1	125.7	127.7	129.7
37.5°	92.0	99.5	106.0	111.1	115.3	119.1	122.4	125.3	127.8	130.0	132.7
35°	95.2	102.4	108.5	113.4	117.5	121.2	124.4	127.3	129.9	132.8	135.9
32.5°	97.9	105.2	110.8	115.3	119.3	123.1	126.3	129.3	132.2	135.5	139.4
30°	100.2	107.2	112.8	117.0	121.0	124.5	128.0	131.2	134.4	138.4	143.5
27.5°	102.3	109.1	114.2	118.4	122.5	125.8	129.5	133.1	136.9	141.5	147.9
25°	104.3	110.8	115.5	119.7	123.5	127.0	130.8	134.5	139.2	145.4	153.7
22.5°	105.9	112.3	116.6	120.9	124.4	128.1	131.9	136.1	141.4	148.9	159.7
20°	107.1	113.3	117.5	121.8	125.1	129.1	133.0	137.5	143.9	153.6	166.2
17.5°	108.3	114.0	118.3	122.4	125.9	129.9	133.9	138.6	145.9	158.0	172.1
15°	109.3	114.7	118.9	122.8	126.5	130.5	134.7	140.1	148.6	162.3	177.4
12.5°	110.2	115.2	119.4	123.2	127.0	130.9	135.4	141.3	151.4	166.2	182.7
10°	110.9	115.6	119.8	123.4	127.4	131.1	135.9	142.2	153.5	168.4	185.9
7.5°	111.4	115.9	120.0	123.5	127.6	131.2	136.3	142.6	154.7	169.6	187.6
5°	111.6	116.2	120.3	123.8	127.8	131.4	136.6	142.7	155.2	169.9	188.2
2.5°	111.7	116.3	120.4	123.9	128.0	131.8	137.3	143.4	155.7	170.7	188.6
0°	111.6	116.4	120.5	124.0	128.1	132.2	137.7	143.9	155.6	171.5	188.7
-2.5°	111.7	116.3	120.4	123.9	128.0	131.8	137.3	143.4	155.7	170.7	188.6
-5°	111.6	116.2	120.3	123.8	127.8	131.4	136.6	142.7	155.2	169.9	188.2
-7.5°	111.4	115.9	120.0	123.5	127.6	131.2	136.3	142.6	154.7	169.6	187.6
-10°	110.9	115.6	119.8	123.4	127.4	131.1	135.9	142.2	153.5	168.4	185.9
-12.5°	110.2	115.2	119.4	123.2	127.0	130.9	135.4	141.3	151.4	166.2	182.7
-15°	109.3	114.7	118.9	122.8	126.5	130.5	134.7	140.1	148.6	162.3	177.4
-17.5°	108.3	114.0	118.3	122.4	125.9	129.9	133.9	138.6	145.9	158.0	172.1
-20°	107.1	113.3	117.5	121.8	125.1	129.1	133.0	137.5	143.9	153.6	166.2



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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°	105.9	112.3	116.6	120.9	124.4	128.1	131.9	136.1	141.4	148.9	159.7
-25°	104.3	110.8	115.5	119.7	123.5	127.0	130.8	134.5	139.2	145.4	153.7
-27.5°	102.3	109.1	114.2	118.4	122.5	125.8	129.5	133.1	136.9	141.5	147.9
-30°	100.2	107.2	112.8	117.0	121.0	124.5	128.0	131.2	134.4	138.4	143.5
-32.5°	97.9	105.2	110.8	115.3	119.3	123.1	126.3	129.3	132.2	135.5	139.4
-35°	95.2	102.4	108.5	113.4	117.5	121.2	124.4	127.3	129.9	132.8	135.9
-37.5°	92.0	99.5	106.0	111.1	115.3	119.1	122.4	125.3	127.8	130.0	132.7
-40°	88.7	96.5	102.9	108.3	112.9	116.7	120.0	123.1	125.7	127.7	129.7
-42.5°	85.2	92.7	99.4	105.4	109.8	113.8	117.5	120.5	123.2	125.2	127.1
-45°	81.1	88.9	95.7	101.5	106.5	110.6	114.3	117.8	120.3	122.7	124.4
-47.5°	76.8	84.7	91.4	97.5	102.6	107.0	110.7	114.1	117.2	119.6	121.8
-50°	72.2	79.8	86.9	92.8	98.2	102.8	106.7	110.3	113.4	116.1	118.4
-52.5°	67.0	74.8	81.6	87.9	93.3	98.2	102.3	106.1	109.3	112.3	114.7
-55°	61.6	69.1	76.1	82.3	87.9	92.8	97.5	101.3	104.7	107.6	110.7
-57.5°	56.2	63.2	70.0	76.3	81.8	87.0	91.6	96.1	99.5	102.6	105.7
-60°	50.7	57.1	63.4	69.5	75.3	80.3	85.2	89.4	93.4	97.2	100.1
-62.5°	45.1	51.0	56.8	62.4	67.9	73.3	78.1	82.3	86.3	89.8	93.1
-65°	39.6	44.9	50.2	55.3	60.1	65.1	70.0	74.8	78.6	81.8	84.9
-67.5°	34.1	38.7	43.5	48.2	52.6	56.9	61.2	65.5	69.7	73.1	76.2
-70°	28.6	32.5	36.6	40.8	44.8	48.6	52.3	56.0	59.7	63.0	66.0
-72.5°	23.2	26.6	30.0	33.3	36.8	40.2	43.3	46.3	49.3	52.2	55.1
-75°	18.6	20.7	23.5	26.4	29.1	31.8	34.5	37.2	39.5	41.7	43.9
-77.5°	14.7	16.2	17.9	19.8	21.6	23.6	25.7	27.8	29.8	31.4	32.9
-80°	10.9	11.7	12.8	14.0	15.3	16.5	17.7	18.9	20.1	21.5	22.8
-82.5°	7.6	8.2	8.8	9.3	9.8	10.2	10.7	11.5	12.6	13.6	14.5
-85°	4.4	4.8	5.3	5.7	6.1	6.5	6.8	7.1	7.5	7.9	8.3
-87.5°	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	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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 CATALOG NUMBER: GFLD-SA2B-940-U-TS-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°	3.9	3.9	3.9	3.8	3.7	3.8	3.9	3.9	4.0	4.0	4.0
85°	8.7	9.1	9.5	9.9	10.3	10.5	10.8	11.0	11.2	11.3	11.5
82.5°	15.4	16.2	16.9	17.6	18.2	18.6	19.1	19.4	19.8	20.1	20.3
80°	24.1	25.3	26.4	27.4	28.4	29.2	29.8	30.4	30.8	31.3	31.7
77.5°	34.4	36.1	37.6	39.0	40.3	41.4	42.3	43.1	43.8	44.6	45.4
75°	46.0	48.0	49.8	51.5	53.0	54.4	55.6	56.7	57.6	58.5	59.3
72.5°	57.7	60.1	62.2	64.0	65.6	67.2	68.7	70.2	71.5	72.5	73.2
70°	68.7	71.2	73.4	75.5	77.4	79.3	81.3	83.1	84.8	85.9	86.5
67.5°	78.8	81.3	83.9	86.4	88.7	90.7	92.7	94.5	96.2	97.3	98.0
65°	87.9	90.7	93.4	96.0	98.4	100.1	102.0	103.7	105.3	106.6	107.5
62.5°	96.4	99.1	101.5	103.7	105.7	107.4	109.2	110.8	112.2	113.4	114.6
60°	102.9	105.7	108.0	110.0	111.8	113.6	115.0	116.2	117.1	117.9	118.6
57.5°	108.5	111.1	113.4	115.1	116.8	118.4	119.6	120.4	121.0	121.4	121.7
55°	113.3	115.4	117.4	119.2	120.9	122.3	123.4	123.9	124.2	124.3	124.5
52.5°	117.2	119.2	121.2	123.0	124.3	125.5	126.5	126.8	127.0	127.0	127.1
50°	120.7	122.7	124.3	125.7	127.1	128.2	129.1	129.5	129.8	129.8	129.7
47.5°	123.5	125.2	127.0	128.5	129.9	131.2	132.2	132.7	133.2	133.4	133.4
45°	126.0	128.1	129.9	131.7	133.3	134.9	136.3	137.3	138.2	138.9	139.3
42.5°	129.0	131.1	133.1	135.5	137.8	139.9	142.3	144.3	146.5	148.8	150.3
40°	132.0	134.2	137.3	140.3	143.6	146.7	151.6	156.5	160.2	163.4	166.2
37.5°	135.4	138.7	142.4	146.3	151.7	157.3	163.5	169.6	174.9	179.7	183.6
35°	139.4	143.8	148.4	155.2	162.1	169.0	176.4	184.5	191.4	196.4	200.1
32.5°	144.2	149.7	157.1	165.8	174.2	183.2	192.2	201.3	208.0	215.0	222.1
30°	149.6	157.5	167.0	177.6	188.2	198.9	210.2	222.8	234.6	247.5	265.8
27.5°	156.4	166.1	177.3	189.7	202.5	215.4	235.0	256.5	288.5	314.0	357.3
25°	163.7	175.0	188.3	202.8	218.4	241.4	277.4	319.9	395.1	453.5	542.1
22.5°	171.8	185.1	199.9	216.5	241.7	285.0	346.5	455.6	607.3	757.3	924.0
20°	179.9	194.6	210.7	235.9	278.7	347.2	480.3	716.2	979.5	1354.6	1669.4
17.5°	187.5	203.1	223.6	257.7	321.6	459.4	717.3	1121.3	1671.4	2276.0	2780.2
15°	194.2	210.1	237.7	291.7	399.8	614.4	1003.8	1691.3	2615.7	3443.4	4181.7
12.5°	199.8	218.7	253.1	319.1	467.6	785.3	1409.9	2386.2	3515.0	4675.9	5610.2
10°	203.9	227.9	273.6	370.0	575.4	988.6	1748.3	2979.9	4339.0	5750.0	7439.0
7.5°	206.4	234.4	289.1	407.7	671.5	1215.1	2172.9	3509.9	5070.8	6996.9	9577.4
5°	208.1	238.8	300.6	436.1	735.8	1364.8	2441.0	3911.6	5702.1	8487.1	13798.1
2.5°	209.0	240.7	307.1	451.7	765.1	1441.8	2629.7	4141.6	6086.3	9538.4	16721.9
0°	208.7	239.7	307.8	455.2	769.3	1500.6	2661.1	4207.2	6216.1	9632.7	17659.3
-2.5°	209.0	240.7	307.1	451.7	765.1	1441.8	2629.7	4141.6	6086.3	9538.4	16721.9
-5°	208.1	238.8	300.6	436.1	735.8	1364.8	2441.0	3911.6	5702.1	8487.1	13798.1
-7.5°	206.4	234.4	289.1	407.7	671.5	1215.1	2172.9	3509.9	5070.8	6996.9	9577.4
-10°	203.9	227.9	273.6	370.0	575.4	988.6	1748.3	2979.9	4339.0	5750.0	7439.0
-12.5°	199.8	218.7	253.1	319.1	467.6	785.3	1409.9	2386.2	3515.0	4675.9	5610.2
-15°	194.2	210.1	237.7	291.7	399.8	614.4	1003.8	1691.3	2615.7	3443.4	4181.7
-17.5°	187.5	203.1	223.6	257.7	321.6	459.4	717.3	1121.3	1671.4	2276.0	2780.2
-20°	179.9	194.6	210.7	235.9	278.7	347.2	480.3	716.2	979.5	1354.6	1669.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	171.8	185.1	199.9	216.5	241.7	285.0	346.5	455.6	607.3	757.3	924.0
-25°	163.7	175.0	188.3	202.8	218.4	241.4	277.4	319.9	395.1	453.5	542.1
-27.5°	156.4	166.1	177.3	189.7	202.5	215.4	235.0	256.5	288.5	314.0	357.3
-30°	149.6	157.5	167.0	177.6	188.2	198.9	210.2	222.8	234.6	247.5	265.8
-32.5°	144.2	149.7	157.1	165.8	174.2	183.2	192.2	201.3	208.0	215.0	222.1
-35°	139.4	143.8	148.4	155.2	162.1	169.0	176.4	184.5	191.4	196.4	200.1
-37.5°	135.4	138.7	142.4	146.3	151.7	157.3	163.5	169.6	174.9	179.7	183.6
-40°	132.0	134.2	137.3	140.3	143.6	146.7	151.6	156.5	160.2	163.4	166.2
-42.5°	129.0	131.1	133.1	135.5	137.8	139.9	142.3	144.3	146.5	148.8	150.3
-45°	126.0	128.1	129.9	131.7	133.3	134.9	136.3	137.3	138.2	138.9	139.3
-47.5°	123.5	125.2	127.0	128.5	129.9	131.2	132.2	132.7	133.2	133.4	133.4
-50°	120.7	122.7	124.3	125.7	127.1	128.2	129.1	129.5	129.8	129.8	129.7
-52.5°	117.2	119.2	121.2	123.0	124.3	125.5	126.5	126.8	127.0	127.0	127.1
-55°	113.3	115.4	117.4	119.2	120.9	122.3	123.4	123.9	124.2	124.3	124.5
-57.5°	108.5	111.1	113.4	115.1	116.8	118.4	119.6	120.4	121.0	121.4	121.7
-60°	102.9	105.7	108.0	110.0	111.8	113.6	115.0	116.2	117.1	117.9	118.6
-62.5°	96.4	99.1	101.5	103.7	105.7	107.4	109.2	110.8	112.2	113.4	114.6
-65°	87.9	90.7	93.4	96.0	98.4	100.1	102.0	103.7	105.3	106.6	107.5
-67.5°	78.8	81.3	83.9	86.4	88.7	90.7	92.7	94.5	96.2	97.3	98.0
-70°	68.7	71.2	73.4	75.5	77.4	79.3	81.3	83.1	84.8	85.9	86.5
-72.5°	57.7	60.1	62.2	64.0	65.6	67.2	68.7	70.2	71.5	72.5	73.2
-75°	46.0	48.0	49.8	51.5	53.0	54.4	55.6	56.7	57.6	58.5	59.3
-77.5°	34.4	36.1	37.6	39.0	40.3	41.4	42.3	43.1	43.8	44.6	45.4
-80°	24.1	25.3	26.4	27.4	28.4	29.2	29.8	30.4	30.8	31.3	31.7
-82.5°	15.4	16.2	16.9	17.6	18.2	18.6	19.1	19.4	19.8	20.1	20.3
-85°	8.7	9.1	9.5	9.9	10.3	10.5	10.8	11.0	11.2	11.3	11.5
-87.5°	3.9	3.9	3.9	3.8	3.7	3.8	3.9	3.9	4.0	4.0	4.0
-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: P558648 (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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
85°	11.6	11.6	11.7	11.7	11.7	11.6	11.6	11.5	11.3	11.2	11.0
82.5°	20.5	20.6	20.7	20.7	20.7	20.6	20.5	20.3	20.1	19.8	19.4
80°	32.0	32.2	32.4	32.4	32.4	32.2	32.0	31.7	31.3	30.8	30.4
77.5°	46.0	46.5	46.7	46.8	46.7	46.5	46.0	45.4	44.6	43.8	43.1
75°	59.9	60.3	60.5	60.6	60.5	60.3	59.9	59.3	58.5	57.6	56.7
72.5°	73.7	74.0	74.6	75.1	74.6	74.0	73.7	73.2	72.5	71.5	70.2
70°	86.9	87.1	87.7	88.2	87.7	87.1	86.9	86.5	85.9	84.8	83.1
67.5°	98.5	98.8	98.8	98.5	98.8	98.8	98.5	98.0	97.3	96.2	94.5
65°	108.4	109.0	109.1	108.8	109.1	109.0	108.4	107.5	106.6	105.3	103.7
62.5°	115.7	116.6	117.0	117.1	117.0	116.6	115.7	114.6	113.4	112.2	110.8
60°	119.2	119.6	119.8	119.8	119.8	119.6	119.2	118.6	117.9	117.1	116.2
57.5°	121.8	121.8	121.9	121.9	121.9	121.8	121.8	121.7	121.4	121.0	120.4
55°	124.6	124.6	124.4	124.0	124.4	124.6	124.6	124.5	124.3	124.2	123.9
52.5°	127.0	126.7	126.4	126.0	126.4	126.7	127.0	127.1	127.0	127.0	126.8
50°	129.4	129.0	128.8	128.8	128.8	129.0	129.4	129.7	129.8	129.8	129.5
47.5°	133.2	132.9	132.8	132.9	132.8	132.9	133.2	133.4	133.4	133.2	132.7
45°	139.4	139.1	139.0	139.1	139.0	139.1	139.4	139.3	138.9	138.2	137.3
42.5°	151.2	151.3	151.2	151.5	151.2	151.3	151.2	150.3	148.8	146.5	144.3
40°	167.4	167.4	166.8	166.7	166.8	167.4	167.4	166.2	163.4	160.2	156.5
37.5°	185.2	185.2	184.7	184.6	184.7	185.2	185.2	183.6	179.7	174.9	169.6
35°	201.9	202.6	202.5	201.8	202.5	202.6	201.9	200.1	196.4	191.4	184.5
32.5°	227.1	230.9	233.0	232.1	233.0	230.9	227.1	222.1	215.0	208.0	201.3
30°	277.3	287.3	292.5	294.8	292.5	287.3	277.3	265.8	247.5	234.6	222.8
27.5°	388.3	410.2	420.0	423.5	420.0	410.2	388.3	357.3	314.0	288.5	256.5
25°	619.4	668.9	693.2	701.1	693.2	668.9	619.4	542.1	453.5	395.1	319.9
22.5°	1107.6	1202.8	1267.9	1282.3	1267.9	1202.8	1107.6	924.0	757.3	607.3	455.6
20°	1985.9	2170.1	2269.9	2261.0	2269.9	2170.1	1985.9	1669.4	1354.6	979.5	716.2
17.5°	3208.7	3444.9	3557.2	3504.7	3557.2	3444.9	3208.7	2780.2	2276.0	1671.4	1121.3
15°	4703.9	5022.9	5162.0	5205.1	5162.0	5022.9	4703.9	4181.7	3443.4	2615.7	1691.3
12.5°	6542.8	7588.7	8088.9	8222.9	8088.9	7588.7	6542.8	5610.2	4675.9	3515.0	2386.2
10°	9166.6	12682.2	14773.4	15284.0	14773.4	12682.2	9166.6	7439.0	5750.0	4339.0	2979.9
7.5°	14969.8	22113.9	30117.0	33906.8	30117.0	22113.9	14969.8	9577.4	6996.9	5070.8	3509.9
5°	22828.9	39621.4	58150.9	65414.9	58150.9	39621.4	22828.9	13798.1	8487.1	5702.1	3911.6
2.5°	32383.0	59825.3	85428.6	94973.0	85428.6	59825.3	32383.0	16721.9	9538.4	6086.3	4141.6
0°	36419.5	68971.9	94123.8	102299.5	94123.8	68971.9	36419.5	17659.3	9632.7	6216.1	4207.2
-2.5°	32383.0	59825.3	85428.6	94972.9	85428.6	59825.3	32383.0	16721.9	9538.4	6086.3	4141.6
-5°	22828.9	39621.4	58150.9	65414.9	58150.9	39621.4	22828.9	13798.1	8487.1	5702.1	3911.6
-7.5°	14969.8	22113.9	30117.0	33906.8	30117.0	22113.9	14969.8	9577.4	6996.9	5070.8	3509.9
-10°	9166.6	12682.2	14773.4	15284.0	14773.4	12682.2	9166.6	7439.0	5750.0	4339.0	2979.9
-12.5°	6542.8	7588.7	8088.9	8222.9	8088.9	7588.7	6542.8	5610.2	4675.9	3515.0	2386.2
-15°	4703.9	5022.9	5162.0	5205.1	5162.0	5022.9	4703.9	4181.7	3443.4	2615.7	1691.3
-17.5°	3208.7	3444.9	3557.2	3504.7	3557.2	3444.9	3208.7	2780.2	2276.0	1671.4	1121.3
-20°	1985.9	2170.1	2269.9	2261.0	2269.9	2170.1	1985.9	1669.4	1354.6	979.5	716.2



REPORT NUMBER: P558648 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1107.6	1202.8	1267.9	1282.3	1267.9	1202.8	1107.6	924.0	757.3	607.3	455.6
-25°	619.4	668.9	693.2	701.1	693.2	668.9	619.4	542.1	453.5	395.1	319.9
-27.5°	388.3	410.2	420.0	423.5	420.0	410.2	388.3	357.3	314.0	288.5	256.5
-30°	277.3	287.3	292.5	294.8	292.5	287.3	277.3	265.8	247.5	234.6	222.8
-32.5°	227.1	230.9	233.0	232.1	233.0	230.9	227.1	222.1	215.0	208.0	201.3
-35°	201.9	202.6	202.5	201.8	202.5	202.6	201.9	200.1	196.4	191.4	184.5
-37.5°	185.2	185.2	184.7	184.6	184.7	185.2	185.2	183.6	179.7	174.9	169.6
-40°	167.4	167.4	166.8	166.7	166.8	167.4	167.4	166.2	163.4	160.2	156.5
-42.5°	151.2	151.3	151.2	151.5	151.2	151.3	151.2	150.3	148.8	146.5	144.3
-45°	139.4	139.1	139.0	139.1	139.0	139.1	139.4	139.3	138.9	138.2	137.3
-47.5°	133.2	132.9	132.8	132.9	132.8	132.9	133.2	133.4	133.4	133.2	132.7
-50°	129.4	129.0	128.8	128.8	128.8	129.0	129.4	129.7	129.8	129.8	129.5
-52.5°	127.0	126.7	126.4	126.0	126.4	126.7	127.0	127.1	127.0	127.0	126.8
-55°	124.6	124.6	124.4	124.0	124.4	124.6	124.6	124.5	124.3	124.2	123.9
-57.5°	121.8	121.8	121.9	121.9	121.9	121.8	121.8	121.7	121.4	121.0	120.4
-60°	119.2	119.6	119.8	119.8	119.8	119.6	119.2	118.6	117.9	117.1	116.2
-62.5°	115.7	116.6	117.0	117.1	117.0	116.6	115.7	114.6	113.4	112.2	110.8
-65°	108.4	109.0	109.1	108.8	109.1	109.0	108.4	107.5	106.6	105.3	103.7
-67.5°	98.5	98.8	98.8	98.5	98.8	98.8	98.5	98.0	97.3	96.2	94.5
-70°	86.9	87.1	87.7	88.2	87.7	87.1	86.9	86.5	85.9	84.8	83.1
-72.5°	73.7	74.0	74.6	75.1	74.6	74.0	73.7	73.2	72.5	71.5	70.2
-75°	59.9	60.3	60.5	60.6	60.5	60.3	59.9	59.3	58.5	57.6	56.7
-77.5°	46.0	46.5	46.7	46.8	46.7	46.5	46.0	45.4	44.6	43.8	43.1
-80°	32.0	32.2	32.4	32.4	32.4	32.2	32.0	31.7	31.3	30.8	30.4
-82.5°	20.5	20.6	20.7	20.7	20.7	20.6	20.5	20.3	20.1	19.8	19.4
-85°	11.6	11.6	11.7	11.7	11.7	11.6	11.6	11.5	11.3	11.2	11.0
-87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	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



REPORT NUMBER: P558648 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TS-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°	3.9	3.8	3.7	3.8	3.9	3.9	3.9	3.8	3.7	3.5	3.4
85°	10.8	10.5	10.3	9.9	9.5	9.1	8.7	8.3	7.9	7.5	7.1
82.5°	19.1	18.6	18.2	17.6	16.9	16.2	15.4	14.5	13.6	12.6	11.5
80°	29.8	29.2	28.4	27.4	26.4	25.3	24.1	22.8	21.5	20.1	18.9
77.5°	42.3	41.4	40.3	39.0	37.6	36.1	34.4	32.9	31.4	29.8	27.8
75°	55.6	54.4	53.0	51.5	49.8	48.0	46.0	43.9	41.7	39.5	37.2
72.5°	68.7	67.2	65.6	64.0	62.2	60.1	57.7	55.1	52.2	49.3	46.3
70°	81.3	79.3	77.4	75.5	73.4	71.2	68.7	66.0	63.0	59.7	56.0
67.5°	92.7	90.7	88.7	86.4	83.9	81.3	78.8	76.2	73.1	69.7	65.5
65°	102.0	100.1	98.4	96.0	93.4	90.7	87.9	84.9	81.8	78.6	74.8
62.5°	109.2	107.4	105.7	103.7	101.5	99.1	96.4	93.1	89.8	86.3	82.3
60°	115.0	113.6	111.8	110.0	108.0	105.7	102.9	100.1	97.2	93.4	89.4
57.5°	119.6	118.4	116.8	115.1	113.4	111.1	108.5	105.7	102.6	99.5	96.1
55°	123.4	122.3	120.9	119.2	117.4	115.4	113.3	110.7	107.6	104.7	101.3
52.5°	126.5	125.5	124.3	123.0	121.2	119.2	117.2	114.7	112.3	109.3	106.1
50°	129.1	128.2	127.1	125.7	124.3	122.7	120.7	118.4	116.1	113.4	110.3
47.5°	132.2	131.2	129.9	128.5	127.0	125.2	123.5	121.8	119.6	117.2	114.1
45°	136.3	134.9	133.3	131.7	129.9	128.1	126.0	124.4	122.7	120.3	117.8
42.5°	142.3	139.9	137.8	135.5	133.1	131.1	129.0	127.1	125.2	123.2	120.5
40°	151.6	146.7	143.6	140.3	137.3	134.2	132.0	129.7	127.7	125.7	123.1
37.5°	163.5	157.3	151.7	146.3	142.4	138.7	135.4	132.7	130.0	127.8	125.3
35°	176.4	169.0	162.1	155.2	148.4	143.8	139.4	135.9	132.8	129.9	127.3
32.5°	192.2	183.2	174.2	165.8	157.1	149.7	144.2	139.4	135.5	132.2	129.3
30°	210.2	198.9	188.2	177.6	167.0	157.5	149.6	143.5	138.4	134.4	131.2
27.5°	235.0	215.4	202.5	189.7	177.3	166.1	156.4	147.9	141.5	136.9	133.1
25°	277.4	241.4	218.4	202.8	188.3	175.0	163.7	153.7	145.4	139.2	134.5
22.5°	346.5	285.0	241.7	216.5	199.9	185.1	171.8	159.7	148.9	141.4	136.1
20°	480.3	347.2	278.7	235.9	210.7	194.6	179.9	166.2	153.6	143.9	137.5
17.5°	717.3	459.4	321.6	257.7	223.6	203.1	187.5	172.1	158.0	145.9	138.6
15°	1003.8	614.4	399.8	291.7	237.7	210.1	194.2	177.4	162.3	148.6	140.1
12.5°	1409.9	785.3	467.6	319.1	253.1	218.7	199.8	182.7	166.2	151.4	141.3
10°	1748.3	988.6	575.4	370.0	273.6	227.9	203.9	185.9	168.4	153.5	142.2
7.5°	2172.9	1215.1	671.5	407.7	289.1	234.4	206.4	187.6	169.6	154.7	142.6
5°	2441.0	1364.8	735.8	436.1	300.6	238.8	208.1	188.2	169.9	155.2	142.7
2.5°	2629.7	1441.8	765.1	451.7	307.1	240.7	209.0	188.6	170.7	155.7	143.4
0°	2661.1	1500.6	769.3	455.2	307.8	239.7	208.7	188.7	171.5	155.6	143.9
-2.5°	2629.7	1441.8	765.1	451.7	307.1	240.7	209.0	188.6	170.7	155.7	143.4
-5°	2441.0	1364.8	735.8	436.1	300.6	238.8	208.1	188.2	169.9	155.2	142.7
-7.5°	2172.9	1215.1	671.5	407.7	289.1	234.4	206.4	187.6	169.6	154.7	142.6
-10°	1748.3	988.6	575.4	370.0	273.6	227.9	203.9	185.9	168.4	153.5	142.2
-12.5°	1409.9	785.3	467.6	319.1	253.1	218.7	199.8	182.7	166.2	151.4	141.3
-15°	1003.8	614.4	399.8	291.7	237.7	210.1	194.2	177.4	162.3	148.6	140.1
-17.5°	717.3	459.4	321.6	257.7	223.6	203.1	187.5	172.1	158.0	145.9	138.6
-20°	480.3	347.2	278.7	235.9	210.7	194.6	179.9	166.2	153.6	143.9	137.5



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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°	346.5	285.0	241.7	216.5	199.9	185.1	171.8	159.7	148.9	141.4	136.1
-25°	277.4	241.4	218.4	202.8	188.3	175.0	163.7	153.7	145.4	139.2	134.5
-27.5°	235.0	215.4	202.5	189.7	177.3	166.1	156.4	147.9	141.5	136.9	133.1
-30°	210.2	198.9	188.2	177.6	167.0	157.5	149.6	143.5	138.4	134.4	131.2
-32.5°	192.2	183.2	174.2	165.8	157.1	149.7	144.2	139.4	135.5	132.2	129.3
-35°	176.4	169.0	162.1	155.2	148.4	143.8	139.4	135.9	132.8	129.9	127.3
-37.5°	163.5	157.3	151.7	146.3	142.4	138.7	135.4	132.7	130.0	127.8	125.3
-40°	151.6	146.7	143.6	140.3	137.3	134.2	132.0	129.7	127.7	125.7	123.1
-42.5°	142.3	139.9	137.8	135.5	133.1	131.1	129.0	127.1	125.2	123.2	120.5
-45°	136.3	134.9	133.3	131.7	129.9	128.1	126.0	124.4	122.7	120.3	117.8
-47.5°	132.2	131.2	129.9	128.5	127.0	125.2	123.5	121.8	119.6	117.2	114.1
-50°	129.1	128.2	127.1	125.7	124.3	122.7	120.7	118.4	116.1	113.4	110.3
-52.5°	126.5	125.5	124.3	123.0	121.2	119.2	117.2	114.7	112.3	109.3	106.1
-55°	123.4	122.3	120.9	119.2	117.4	115.4	113.3	110.7	107.6	104.7	101.3
-57.5°	119.6	118.4	116.8	115.1	113.4	111.1	108.5	105.7	102.6	99.5	96.1
-60°	115.0	113.6	111.8	110.0	108.0	105.7	102.9	100.1	97.2	93.4	89.4
-62.5°	109.2	107.4	105.7	103.7	101.5	99.1	96.4	93.1	89.8	86.3	82.3
-65°	102.0	100.1	98.4	96.0	93.4	90.7	87.9	84.9	81.8	78.6	74.8
-67.5°	92.7	90.7	88.7	86.4	83.9	81.3	78.8	76.2	73.1	69.7	65.5
-70°	81.3	79.3	77.4	75.5	73.4	71.2	68.7	66.0	63.0	59.7	56.0
-72.5°	68.7	67.2	65.6	64.0	62.2	60.1	57.7	55.1	52.2	49.3	46.3
-75°	55.6	54.4	53.0	51.5	49.8	48.0	46.0	43.9	41.7	39.5	37.2
-77.5°	42.3	41.4	40.3	39.0	37.6	36.1	34.4	32.9	31.4	29.8	27.8
-80°	29.8	29.2	28.4	27.4	26.4	25.3	24.1	22.8	21.5	20.1	18.9
-82.5°	19.1	18.6	18.2	17.6	16.9	16.2	15.4	14.5	13.6	12.6	11.5
-85°	10.8	10.5	10.3	9.9	9.5	9.1	8.7	8.3	7.9	7.5	7.1
-87.5°	3.9	3.8	3.7	3.8	3.9	3.9	3.9	3.8	3.7	3.5	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558648 (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°	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
85°	6.8	6.5	6.1	5.7	5.3	4.8	4.4	4.1	3.7	3.3	2.9
82.5°	10.7	10.2	9.8	9.3	8.8	8.2	7.6	6.8	5.9	5.0	4.3
80°	17.7	16.5	15.3	14.0	12.8	11.7	10.9	10.0	8.7	7.4	6.2
77.5°	25.7	23.6	21.6	19.8	17.9	16.2	14.7	13.2	11.5	9.8	8.3
75°	34.5	31.8	29.1	26.4	23.5	20.7	18.6	16.6	14.5	12.3	10.3
72.5°	43.3	40.2	36.8	33.3	30.0	26.6	23.2	20.0	17.7	15.1	12.5
70°	52.3	48.6	44.8	40.8	36.6	32.5	28.6	24.7	20.8	18.0	15.0
67.5°	61.2	56.9	52.6	48.2	43.5	38.7	34.1	29.5	25.1	20.8	17.5
65°	70.0	65.1	60.1	55.3	50.2	44.9	39.6	34.3	29.2	24.4	20.0
62.5°	78.1	73.3	67.9	62.4	56.8	51.0	45.1	39.3	33.4	27.9	22.8
60°	85.2	80.3	75.3	69.5	63.4	57.1	50.7	44.1	37.7	31.4	25.8
57.5°	91.6	87.0	81.8	76.3	70.0	63.2	56.2	49.1	42.0	35.1	28.6
55°	97.5	92.8	87.9	82.3	76.1	69.1	61.6	54.0	46.3	38.8	31.4
52.5°	102.3	98.2	93.3	87.9	81.6	74.8	67.0	58.7	50.6	42.4	34.6
50°	106.7	102.8	98.2	92.8	86.9	79.8	72.2	63.5	54.7	46.0	37.7
47.5°	110.7	107.0	102.6	97.5	91.4	84.7	76.8	68.1	58.7	49.5	40.6
45°	114.3	110.6	106.5	101.5	95.7	88.9	81.1	72.6	62.7	53.0	43.5
42.5°	117.5	113.8	109.8	105.4	99.4	92.7	85.2	76.4	66.6	56.3	46.3
40°	120.0	116.7	112.9	108.3	102.9	96.5	88.7	80.0	70.4	59.5	49.0
37.5°	122.4	119.1	115.3	111.1	106.0	99.5	92.0	83.4	73.7	62.6	51.6
35°	124.4	121.2	117.5	113.4	108.5	102.4	95.2	86.5	76.6	65.5	54.1
32.5°	126.3	123.1	119.3	115.3	110.8	105.2	97.9	89.1	79.3	68.3	56.4
30°	128.0	124.5	121.0	117.0	112.8	107.2	100.2	91.6	81.7	70.8	58.6
27.5°	129.5	125.8	122.5	118.4	114.2	109.1	102.3	93.9	84.0	73.0	60.7
25°	130.8	127.0	123.5	119.7	115.5	110.8	104.3	95.9	86.0	74.9	62.5
22.5°	131.9	128.1	124.4	120.9	116.6	112.3	105.9	97.5	87.7	76.6	64.2
20°	133.0	129.1	125.1	121.8	117.5	113.3	107.1	99.0	89.2	78.1	65.7
17.5°	133.9	129.9	125.9	122.4	118.3	114.0	108.3	100.2	90.5	79.4	67.0
15°	134.7	130.5	126.5	122.8	118.9	114.7	109.3	101.4	91.6	80.5	68.2
12.5°	135.4	130.9	127.0	123.2	119.4	115.2	110.2	102.3	92.5	81.5	69.1
10°	135.9	131.1	127.4	123.4	119.8	115.6	110.9	103.1	93.3	82.2	69.9
7.5°	136.3	131.2	127.6	123.5	120.0	115.9	111.4	103.6	93.9	82.8	70.4
5°	136.6	131.4	127.8	123.8	120.3	116.2	111.6	103.9	94.2	83.2	70.8
2.5°	137.3	131.8	128.0	123.9	120.4	116.3	111.7	104.1	94.4	83.3	70.9
0°	137.7	132.2	128.1	124.0	120.5	116.4	111.6	104.0	94.4	83.3	70.9
-2.5°	137.3	131.8	128.0	123.9	120.4	116.3	111.7	104.1	94.4	83.3	70.9
-5°	136.6	131.4	127.8	123.8	120.3	116.2	111.6	103.9	94.2	83.2	70.8
-7.5°	136.3	131.2	127.6	123.5	120.0	115.9	111.4	103.6	93.9	82.8	70.4
-10°	135.9	131.1	127.4	123.4	119.8	115.6	110.9	103.1	93.3	82.2	69.9
-12.5°	135.4	130.9	127.0	123.2	119.4	115.2	110.2	102.3	92.5	81.5	69.1
-15°	134.7	130.5	126.5	122.8	118.9	114.7	109.3	101.4	91.6	80.5	68.2
-17.5°	133.9	129.9	125.9	122.4	118.3	114.0	108.3	100.2	90.5	79.4	67.0
-20°	133.0	129.1	125.1	121.8	117.5	113.3	107.1	99.0	89.2	78.1	65.7



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 CATALOG NUMBER: GFLD-SA2B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	131.9	128.1	124.4	120.9	116.6	112.3	105.9	97.5	87.7	76.6	64.2
-25°	130.8	127.0	123.5	119.7	115.5	110.8	104.3	95.9	86.0	74.9	62.5
-27.5°	129.5	125.8	122.5	118.4	114.2	109.1	102.3	93.9	84.0	73.0	60.7
-30°	128.0	124.5	121.0	117.0	112.8	107.2	100.2	91.6	81.7	70.8	58.6
-32.5°	126.3	123.1	119.3	115.3	110.8	105.2	97.9	89.1	79.3	68.3	56.4
-35°	124.4	121.2	117.5	113.4	108.5	102.4	95.2	86.5	76.6	65.5	54.1
-37.5°	122.4	119.1	115.3	111.1	106.0	99.5	92.0	83.4	73.7	62.6	51.6
-40°	120.0	116.7	112.9	108.3	102.9	96.5	88.7	80.0	70.4	59.5	49.0
-42.5°	117.5	113.8	109.8	105.4	99.4	92.7	85.2	76.4	66.6	56.3	46.3
-45°	114.3	110.6	106.5	101.5	95.7	88.9	81.1	72.6	62.7	53.0	43.5
-47.5°	110.7	107.0	102.6	97.5	91.4	84.7	76.8	68.1	58.7	49.5	40.6
-50°	106.7	102.8	98.2	92.8	86.9	79.8	72.2	63.5	54.7	46.0	37.7
-52.5°	102.3	98.2	93.3	87.9	81.6	74.8	67.0	58.7	50.6	42.4	34.6
-55°	97.5	92.8	87.9	82.3	76.1	69.1	61.6	54.0	46.3	38.8	31.4
-57.5°	91.6	87.0	81.8	76.3	70.0	63.2	56.2	49.1	42.0	35.1	28.6
-60°	85.2	80.3	75.3	69.5	63.4	57.1	50.7	44.1	37.7	31.4	25.8
-62.5°	78.1	73.3	67.9	62.4	56.8	51.0	45.1	39.3	33.4	27.9	22.8
-65°	70.0	65.1	60.1	55.3	50.2	44.9	39.6	34.3	29.2	24.4	20.0
-67.5°	61.2	56.9	52.6	48.2	43.5	38.7	34.1	29.5	25.1	20.8	17.5
-70°	52.3	48.6	44.8	40.8	36.6	32.5	28.6	24.7	20.8	18.0	15.0
-72.5°	43.3	40.2	36.8	33.3	30.0	26.6	23.2	20.0	17.7	15.1	12.5
-75°	34.5	31.8	29.1	26.4	23.5	20.7	18.6	16.6	14.5	12.3	10.3
-77.5°	25.7	23.6	21.6	19.8	17.9	16.2	14.7	13.2	11.5	9.8	8.3
-80°	17.7	16.5	15.3	14.0	12.8	11.7	10.9	10.0	8.7	7.4	6.2
-82.5°	10.7	10.2	9.8	9.3	8.8	8.2	7.6	6.8	5.9	5.0	4.3
-85°	6.8	6.5	6.1	5.7	5.3	4.8	4.4	4.1	3.7	3.3	2.9
-87.5°	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.5	2.2	1.8	1.4	1.0	0.5	0.0
82.5°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
80°	5.0	4.3	3.6	2.8	1.9	1.0	0.0
77.5°	6.8	5.5	4.5	3.5	2.4	1.2	0.0
75°	8.5	7.0	5.4	4.1	2.8	1.4	0.0
72.5°	10.3	8.4	6.5	4.8	3.3	1.7	0.0
70°	12.0	9.8	7.7	5.5	3.8	1.9	0.0
67.5°	14.2	11.3	8.8	6.4	4.2	2.1	0.0
65°	16.4	12.8	9.9	7.2	4.6	2.3	0.0
62.5°	18.4	14.5	11.0	8.0	5.1	2.5	0.0
60°	20.5	16.2	12.1	8.8	5.5	2.7	0.0
57.5°	22.9	17.8	13.4	9.6	6.0	3.0	0.0
55°	25.3	19.4	14.6	10.4	6.5	3.2	0.0
52.5°	27.6	21.0	15.8	11.1	7.0	3.3	0.0
50°	29.8	22.9	17.0	11.8	7.5	3.5	0.0
47.5°	32.1	24.7	18.1	12.6	7.9	3.7	0.0
45°	34.5	26.4	19.2	13.4	8.4	3.9	0.0
42.5°	36.8	28.1	20.2	14.1	8.8	4.1	0.0
40°	39.0	29.7	21.3	14.8	9.2	4.2	0.0
37.5°	41.1	31.2	22.5	15.5	9.5	4.4	0.0
35°	43.0	32.8	23.7	16.1	9.9	4.5	0.0
32.5°	44.9	34.3	24.8	16.7	10.2	4.6	0.0
30°	46.8	35.7	25.8	17.2	10.5	4.8	0.0
27.5°	48.5	37.0	26.7	17.7	10.8	4.9	0.0
25°	50.0	38.2	27.5	18.2	11.1	5.0	0.0
22.5°	51.5	39.3	28.3	18.6	11.3	5.1	0.0
20°	52.8	40.3	29.0	18.9	11.6	5.2	0.0
17.5°	53.9	41.2	29.6	19.2	11.8	5.2	0.0
15°	54.9	42.0	30.1	19.5	11.9	5.3	0.0
12.5°	55.8	42.6	30.6	19.7	12.1	5.4	0.0
10°	56.5	43.1	31.0	19.8	12.2	5.4	0.0
7.5°	57.1	43.6	31.3	19.9	12.3	5.5	0.0
5°	57.5	43.9	31.5	20.0	12.3	5.5	0.0
2.5°	57.7	44.0	31.7	20.0	12.4	5.5	0.0
0°	57.8	44.1	31.7	20.0	12.4	5.5	0.0
-2.5°	57.7	44.0	31.7	20.0	12.4	5.5	0.0
-5°	57.5	43.9	31.5	20.0	12.3	5.5	0.0
-7.5°	57.1	43.6	31.3	19.9	12.3	5.5	0.0
-10°	56.5	43.1	31.0	19.8	12.2	5.4	0.0
-12.5°	55.8	42.6	30.6	19.7	12.1	5.4	0.0
-15°	54.9	42.0	30.1	19.5	11.9	5.3	0.0
-17.5°	53.9	41.2	29.6	19.2	11.8	5.2	0.0
-20°	52.8	40.3	29.0	18.9	11.6	5.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	51.5	39.3	28.3	18.6	11.3	5.1	0.0
-25°	50.0	38.2	27.5	18.2	11.1	5.0	0.0
-27.5°	48.5	37.0	26.7	17.7	10.8	4.9	0.0
-30°	46.8	35.7	25.8	17.2	10.5	4.8	0.0
-32.5°	44.9	34.3	24.8	16.7	10.2	4.6	0.0
-35°	43.0	32.8	23.7	16.1	9.9	4.5	0.0
-37.5°	41.1	31.2	22.5	15.5	9.5	4.4	0.0
-40°	39.0	29.7	21.3	14.8	9.2	4.2	0.0
-42.5°	36.8	28.1	20.2	14.1	8.8	4.1	0.0
-45°	34.5	26.4	19.2	13.4	8.4	3.9	0.0
-47.5°	32.1	24.7	18.1	12.6	7.9	3.7	0.0
-50°	29.8	22.9	17.0	11.8	7.5	3.5	0.0
-52.5°	27.6	21.0	15.8	11.1	7.0	3.3	0.0
-55°	25.3	19.4	14.6	10.4	6.5	3.2	0.0
-57.5°	22.9	17.8	13.4	9.6	6.0	3.0	0.0
-60°	20.5	16.2	12.1	8.8	5.5	2.7	0.0
-62.5°	18.4	14.5	11.0	8.0	5.1	2.5	0.0
-65°	16.4	12.8	9.9	7.2	4.6	2.3	0.0
-67.5°	14.2	11.3	8.8	6.4	4.2	2.1	0.0
-70°	12.0	9.8	7.7	5.5	3.8	1.9	0.0
-72.5°	10.3	8.4	6.5	4.8	3.3	1.7	0.0
-75°	8.5	7.0	5.4	4.1	2.8	1.4	0.0
-77.5°	6.8	5.5	4.5	3.5	2.4	1.2	0.0
-80°	5.0	4.3	3.6	2.8	1.9	1.0	0.0
-82.5°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
-85°	2.5	2.2	1.8	1.4	1.0	0.5	0.0
-87.5°	1.2	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)