

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: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
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-TSB-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

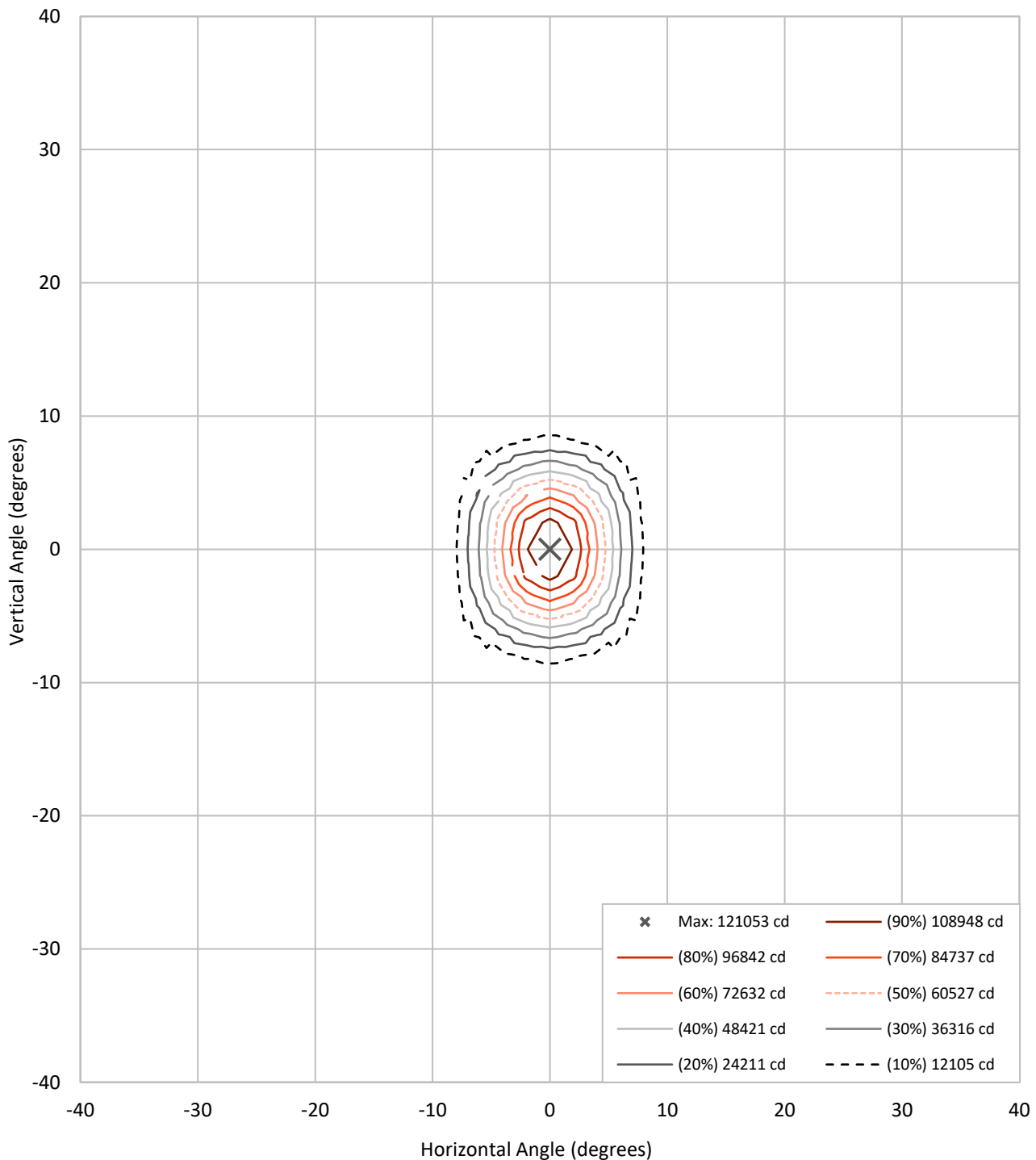
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	4714.1 lumens	Max Intensity:	121053 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	2020.5 lumens	Field Lumens:	3482.4 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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





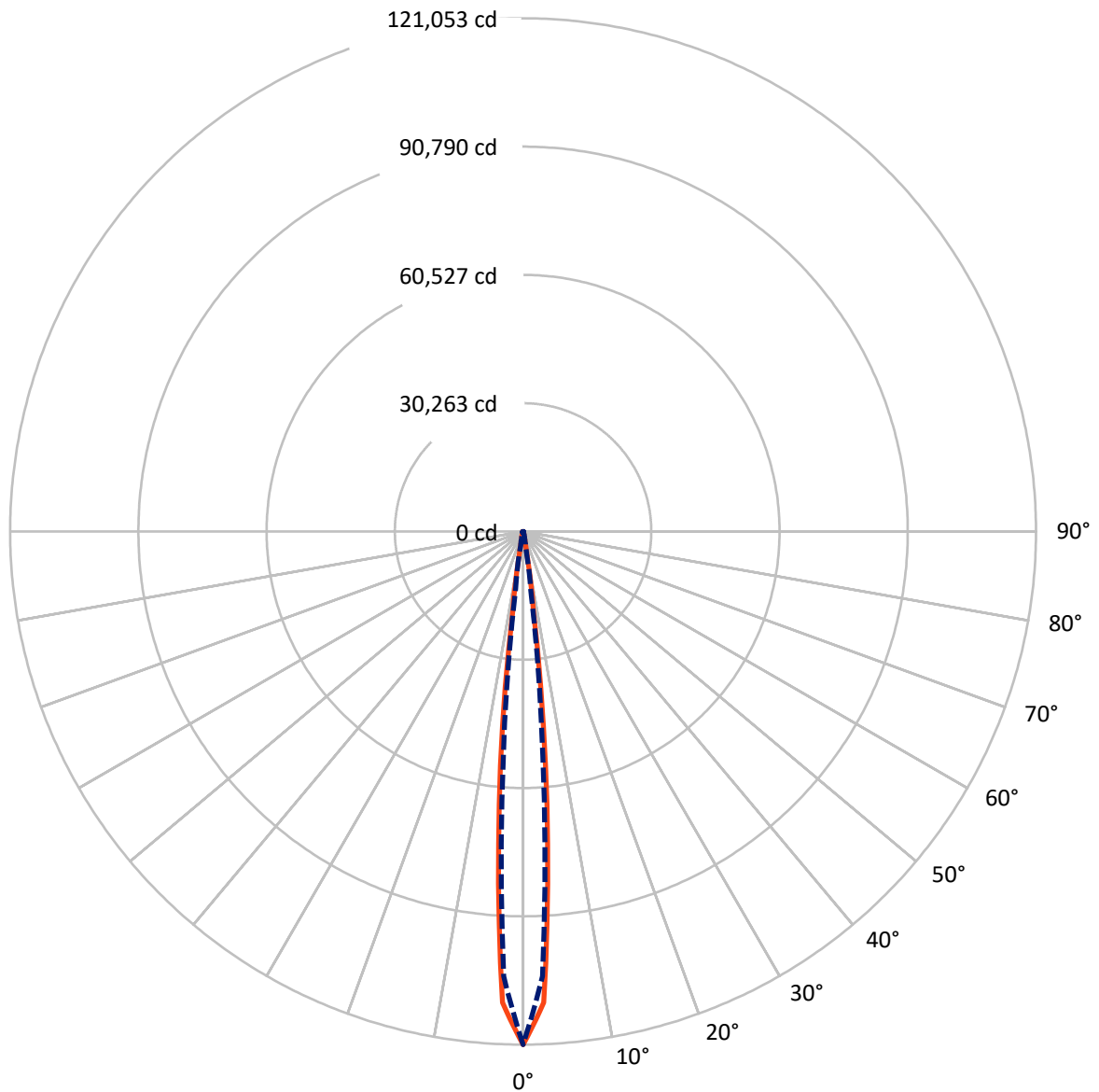
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Lumen Table

90	0.0	0.1	0.5	1.1	1.9	1.1	0.5	0.1	0.0							
80	0.0	0.1	0.5	1.1	1.9	1.1	0.5	0.1	0.0							
70	0.1	0.1	0.2	0.5	0.8	1.0	1.7	2.9	2.9	1.7	1.0	0.8	0.5	0.2	0.1	0.1
60		0.2	0.5	1.0	1.5	2.1	2.8	3.8	3.8	2.8	2.1	1.5	1.0	0.5	0.2	
50	0.2	0.3	0.7	1.5	2.7	4.0	5.1	6.1	6.1	5.1	4.0	2.7	1.5	0.7	0.3	0.2
40		0.5	1.1	2.3	4.1	5.6	6.3	6.7	6.7	6.3	5.6	4.1	2.3	1.1	0.5	
30	0.5	0.8	1.5	3.2	5.1	6.1	8.3	10.9	10.9	8.3	6.1	5.1	3.2	1.5	0.8	0.5
20		1.0	2.0	4.1	5.6	8.0	16.2	32.4	32.4	16.2	8.0	5.6	4.1	2.0	1.0	
10	0.6	1.2	2.4	4.6	5.8	10.3	32.0	947.1	947.1	32.0	10.3	5.8	4.6	2.4	1.2	0.6
0		1.2	2.4	4.6	5.8	10.3	32.0	947.1	947.1	32.0	10.3	5.8	4.6	2.4	1.2	
-10	0.5	1.0	2.0	4.1	5.6	8.0	16.2	32.4	32.4	16.2	8.0	5.6	4.1	2.0	1.0	0.5
-20		0.8	1.5	3.2	5.1	6.1	8.3	10.9	10.9	8.3	6.1	5.1	3.2	1.5	0.8	
-30	0.2	0.5	1.1	2.3	4.1	5.6	6.3	6.7	6.7	6.3	5.6	4.1	2.3	1.1	0.5	0.2
-40		0.3	0.7	1.5	2.7	4.0	5.1	6.1	6.1	5.1	4.0	2.7	1.5	0.7	0.3	
-50	0.1	0.2	0.5	1.0	1.5	2.1	2.8	3.8	3.8	2.8	2.1	1.5	1.0	0.5	0.2	0.1
-60		0.1	0.2	0.5	0.8	1.0	1.7	2.9	2.9	1.7	1.0	0.8	0.5	0.2	0.1	
-70	0.0	0.1	0.5	1.1	1.9	1.1	0.5	0.1	0.0							
-80		0.0	0.1	0.5	1.1	1.9	1.1	0.5	0.1	0.0						
-90	0.0	0.1	0.5	1.1	1.9	1.1	0.5	0.1	0.0							

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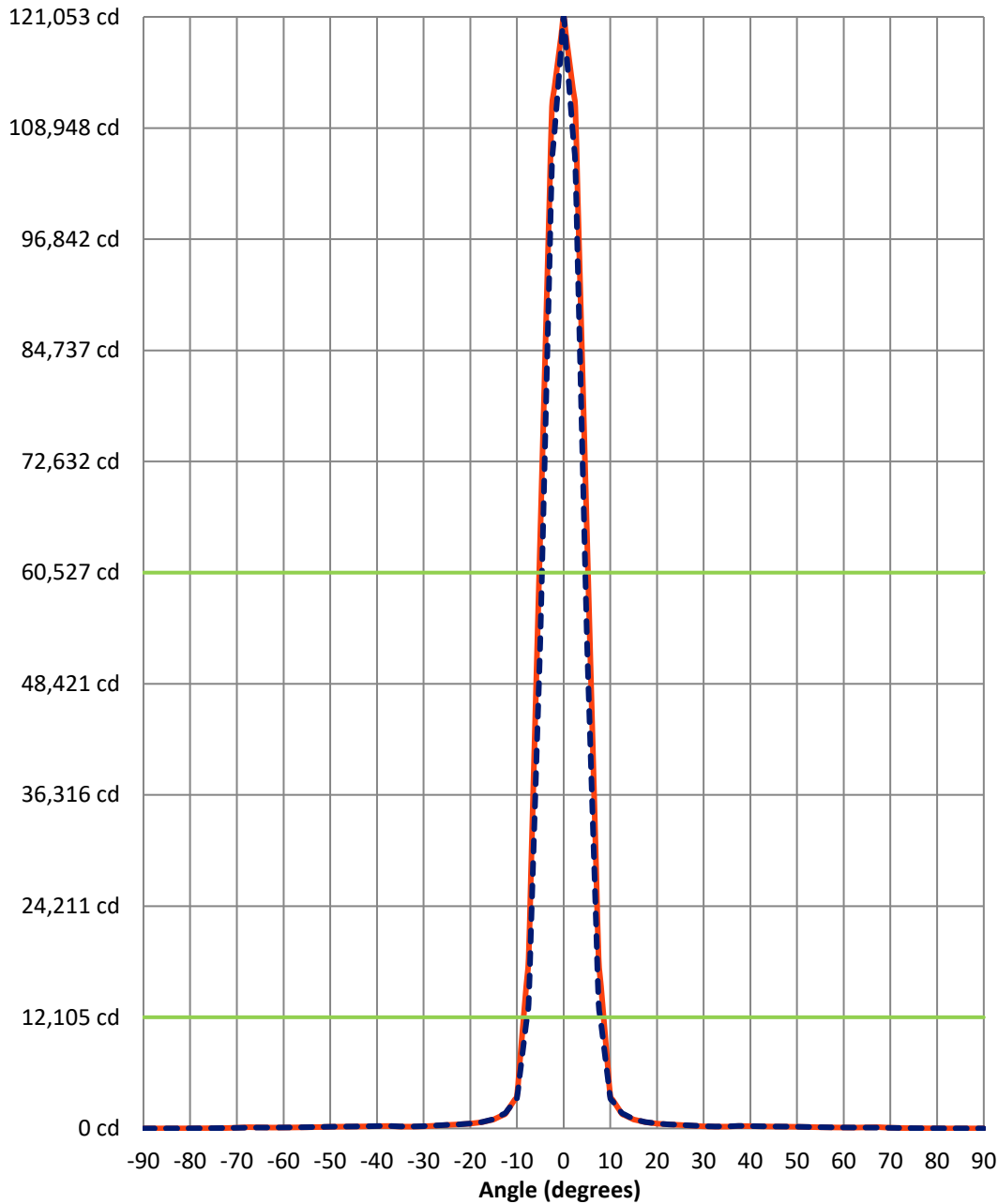
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 2020.5
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 3482.4
Efficiency: 73.9%

Spill:
Lumens: 1231.7
Efficiency: 26.1%

— 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	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.4	1.4
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.4
77.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.4	1.4	1.4	1.4	1.5
75°	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.5	1.8	2.1
72.5°	0.0	0.4	0.8	1.3	1.4	1.4	1.4	1.5	2.0	2.4	2.7
70°	0.0	0.5	1.0	1.4	1.4	1.4	1.5	2.1	2.6	3.0	3.8
67.5°	0.0	0.5	1.1	1.4	1.4	1.4	2.0	2.6	3.2	4.2	5.0
65°	0.0	0.6	1.2	1.4	1.4	1.6	2.5	3.2	4.3	5.3	6.3
62.5°	0.0	0.6	1.3	1.4	1.4	2.1	3.0	4.0	5.3	6.5	8.1
60°	0.0	0.7	1.4	1.4	1.4	2.5	3.5	5.0	6.3	8.2	9.9
57.5°	0.0	0.8	1.4	1.4	1.7	2.9	4.4	5.9	7.8	10.0	12.0
55°	0.0	0.8	1.4	1.4	2.1	3.4	5.3	7.0	9.4	11.8	14.2
52.5°	0.0	0.9	1.4	1.4	2.5	3.9	6.3	8.5	11.1	13.9	16.5
50°	0.0	0.9	1.4	1.4	2.8	4.8	7.3	10.2	12.8	16.1	19.3
47.5°	0.0	0.9	1.5	1.5	3.2	5.6	8.4	11.9	14.8	18.3	22.2
45°	0.0	1.0	1.5	1.7	3.5	6.5	9.9	13.7	17.1	21.0	25.2
42.5°	0.0	1.0	1.5	2.0	3.8	7.4	11.5	15.7	19.6	23.8	28.7
40°	0.0	1.1	1.5	2.2	4.3	8.3	13.1	17.9	22.3	26.7	32.5
37.5°	0.0	1.1	1.6	2.4	5.0	9.1	14.7	20.2	25.4	30.4	36.4
35°	0.0	1.1	1.6	2.6	5.7	10.3	16.3	22.5	28.5	34.7	40.2
32.5°	0.0	1.2	1.6	2.8	6.3	11.5	18.0	24.8	31.6	39.2	44.9
30°	0.0	1.2	1.7	3.0	6.9	12.8	19.9	27.2	34.8	43.7	50.2
27.5°	0.0	1.2	1.7	3.1	7.4	14.0	21.7	29.8	38.2	48.5	56.1
25°	0.0	1.3	1.7	3.2	7.7	15.2	23.6	32.4	42.1	53.3	62.4
22.5°	0.0	1.3	1.8	3.3	7.9	16.1	25.4	34.9	46.0	58.5	67.8
20°	0.0	1.3	1.8	3.4	8.1	16.5	27.1	37.4	49.8	63.9	73.1
17.5°	0.0	1.3	1.8	3.4	8.2	16.7	28.0	39.8	53.6	69.4	78.3
15°	0.0	1.4	1.9	3.5	8.3	16.8	28.4	41.5	57.3	75.0	83.4
12.5°	0.0	1.4	1.9	3.5	8.3	16.8	28.6	42.4	59.7	80.6	88.4
10°	0.0	1.4	2.0	3.5	8.2	16.7	28.6	43.2	60.9	82.7	91.9
7.5°	0.0	1.4	2.0	3.5	8.1	16.4	28.5	43.9	61.8	84.0	92.5
5°	0.0	1.4	2.0	3.5	8.0	16.1	28.3	44.4	62.4	84.9	93.1
2.5°	0.0	1.4	2.1	3.4	7.8	15.7	28.0	44.7	62.7	85.3	93.5
0°	0.0	1.4	2.1	3.4	7.6	15.2	27.5	44.8	62.7	85.4	93.7
-2.5°	0.0	1.4	2.1	3.4	7.8	15.7	28.0	44.7	62.7	85.3	93.5
-5°	0.0	1.4	2.0	3.5	8.0	16.1	28.3	44.4	62.4	84.9	93.1
-7.5°	0.0	1.4	2.0	3.5	8.1	16.4	28.5	43.9	61.8	84.0	92.5
-10°	0.0	1.4	2.0	3.5	8.2	16.7	28.6	43.2	60.9	82.7	91.9
-12.5°	0.0	1.4	1.9	3.5	8.3	16.8	28.6	42.4	59.7	80.6	88.4
-15°	0.0	1.4	1.9	3.5	8.3	16.8	28.4	41.5	57.3	75.0	83.4
-17.5°	0.0	1.3	1.8	3.4	8.2	16.7	28.0	39.8	53.6	69.4	78.3
-20°	0.0	1.3	1.8	3.4	8.1	16.5	27.1	37.4	49.8	63.9	73.1



REPORT NUMBER: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.3	1.8	3.3	7.9	16.1	25.4	34.9	46.0	58.5	67.8
-25°	0.0	1.3	1.7	3.2	7.7	15.2	23.6	32.4	42.1	53.3	62.4
-27.5°	0.0	1.2	1.7	3.1	7.4	14.0	21.7	29.8	38.2	48.5	56.1
-30°	0.0	1.2	1.7	3.0	6.9	12.8	19.9	27.2	34.8	43.7	50.2
-32.5°	0.0	1.2	1.6	2.8	6.3	11.5	18.0	24.8	31.6	39.2	44.9
-35°	0.0	1.1	1.6	2.6	5.7	10.3	16.3	22.5	28.5	34.7	40.2
-37.5°	0.0	1.1	1.6	2.4	5.0	9.1	14.7	20.2	25.4	30.4	36.4
-40°	0.0	1.1	1.5	2.2	4.3	8.3	13.1	17.9	22.3	26.7	32.5
-42.5°	0.0	1.0	1.5	2.0	3.8	7.4	11.5	15.7	19.6	23.8	28.7
-45°	0.0	1.0	1.5	1.7	3.5	6.5	9.9	13.7	17.1	21.0	25.2
-47.5°	0.0	0.9	1.5	1.5	3.2	5.6	8.4	11.9	14.8	18.3	22.2
-50°	0.0	0.9	1.4	1.4	2.8	4.8	7.3	10.2	12.8	16.1	19.3
-52.5°	0.0	0.9	1.4	1.4	2.5	3.9	6.3	8.5	11.1	13.9	16.5
-55°	0.0	0.8	1.4	1.4	2.1	3.4	5.3	7.0	9.4	11.8	14.2
-57.5°	0.0	0.8	1.4	1.4	1.7	2.9	4.4	5.9	7.8	10.0	12.0
-60°	0.0	0.7	1.4	1.4	1.4	2.5	3.5	5.0	6.3	8.2	9.9
-62.5°	0.0	0.6	1.3	1.4	1.4	2.1	3.0	4.0	5.3	6.5	8.1
-65°	0.0	0.6	1.2	1.4	1.4	1.6	2.5	3.2	4.3	5.3	6.3
-67.5°	0.0	0.5	1.1	1.4	1.4	1.4	2.0	2.6	3.2	4.2	5.0
-70°	0.0	0.5	1.0	1.4	1.4	1.4	1.5	2.1	2.6	3.0	3.8
-72.5°	0.0	0.4	0.8	1.3	1.4	1.4	1.4	1.5	2.0	2.4	2.7
-75°	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.5	1.8	2.1
-77.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.4	1.4	1.4	1.4	1.5
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.4
-82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.4	1.4
-85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	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



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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°	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
85°	1.1	1.1	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
82.5°	1.3	1.2	1.2	1.2	1.3	1.3	1.4	1.6	1.7	1.8	1.9
80°	1.4	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.7	3.0	3.3
77.5°	1.8	2.1	2.3	2.6	2.9	3.4	3.9	4.2	4.7	5.3	5.8
75°	2.4	2.8	3.4	4.2	4.9	5.4	5.9	6.6	7.5	8.5	9.5
72.5°	3.3	4.2	5.1	6.0	7.2	8.1	9.1	10.0	11.4	13.1	14.3
70°	4.6	5.6	7.0	8.5	10.0	11.3	13.2	15.4	17.7	18.9	19.5
67.5°	5.8	7.5	9.2	11.1	13.2	15.3	17.9	20.4	22.7	23.6	24.5
65°	7.6	9.5	11.6	13.9	16.3	18.9	21.5	24.2	26.7	27.9	29.3
62.5°	9.3	11.6	14.1	16.7	19.3	22.1	25.3	28.0	30.1	32.6	35.5
60°	11.5	13.8	16.6	19.4	22.4	26.3	29.6	32.6	35.4	38.2	42.6
57.5°	13.8	16.0	19.1	22.4	26.6	31.0	34.7	38.0	41.9	45.9	50.3
55°	16.3	18.2	21.7	25.9	30.7	36.0	40.3	44.7	49.2	52.8	56.7
52.5°	19.1	20.9	24.6	29.4	34.9	40.8	46.6	51.2	55.3	59.3	63.7
50°	22.1	24.3	27.3	33.0	39.2	45.9	52.4	57.1	61.8	66.5	71.5
47.5°	25.5	28.0	30.5	36.7	43.7	50.6	57.3	63.3	68.5	74.7	80.5
45°	29.3	32.2	34.8	40.6	47.8	54.8	62.3	69.6	76.8	84.1	93.3
42.5°	33.2	36.4	39.8	44.3	51.5	59.2	67.3	76.9	86.1	96.3	108.2
40°	37.1	40.6	44.7	48.7	55.1	63.7	73.5	84.3	97.3	110.5	124.9
37.5°	40.8	44.9	49.3	53.5	59.1	68.8	79.6	93.4	109.1	125.8	144.1
35°	44.5	49.0	53.5	58.5	64.7	74.2	87.5	103.1	122.0	143.0	159.8
32.5°	48.1	53.0	57.6	63.5	71.3	80.9	95.1	114.8	136.6	157.9	169.1
30°	52.6	56.6	61.5	68.3	77.6	89.9	105.3	126.5	151.3	165.9	176.3
27.5°	58.7	60.1	65.7	73.6	84.2	98.8	117.9	140.0	160.4	173.2	182.6
25°	64.6	66.1	69.6	79.0	92.0	109.2	130.7	155.9	168.0	178.8	189.7
22.5°	70.3	71.8	76.3	84.0	99.6	119.9	144.9	166.9	178.4	185.3	197.0
20°	75.6	78.0	83.5	92.5	107.4	130.0	158.6	177.1	188.1	196.4	207.2
17.5°	80.8	84.0	90.8	101.7	118.3	141.3	171.1	187.2	198.0	206.0	219.4
15°	85.7	89.9	97.8	110.3	128.5	153.4	179.4	195.5	207.1	215.0	230.7
12.5°	90.6	95.7	104.6	118.3	137.7	164.0	186.4	200.9	212.5	224.5	240.7
10°	95.2	101.2	110.9	125.8	146.0	173.1	192.4	205.3	216.8	232.1	249.0
7.5°	95.9	104.0	116.2	132.6	153.3	180.9	197.2	208.7	221.2	239.1	256.5
5°	95.9	103.8	116.6	134.4	156.7	185.4	200.6	211.2	225.4	245.3	263.2
2.5°	95.9	103.3	116.7	135.0	157.6	185.9	201.1	211.9	227.8	251.3	269.3
0°	95.7	102.6	116.4	135.0	157.7	185.2	201.1	212.1	229.3	256.9	274.8
-2.5°	95.9	103.3	116.7	135.0	157.6	185.9	201.1	211.9	227.8	251.3	269.3
-5°	95.9	103.8	116.6	134.4	156.7	185.4	200.6	211.2	225.4	245.3	263.2
-7.5°	95.9	104.0	116.2	132.6	153.3	180.9	197.2	208.7	221.2	239.1	256.5
-10°	95.2	101.2	110.9	125.8	146.0	173.1	192.4	205.3	216.8	232.1	249.0
-12.5°	90.6	95.7	104.6	118.3	137.7	164.0	186.4	200.9	212.5	224.5	240.7
-15°	85.7	89.9	97.8	110.3	128.5	153.4	179.4	195.5	207.1	215.0	230.7
-17.5°	80.8	84.0	90.8	101.7	118.3	141.3	171.1	187.2	198.0	206.0	219.4
-20°	75.6	78.0	83.5	92.5	107.4	130.0	158.6	177.1	188.1	196.4	207.2



REPORT NUMBER: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	70.3	71.8	76.3	84.0	99.6	119.9	144.9	166.9	178.4	185.3	197.0
-25°	64.6	66.1	69.6	79.0	92.0	109.2	130.7	155.9	168.0	178.8	189.7
-27.5°	58.7	60.1	65.7	73.6	84.2	98.8	117.9	140.0	160.4	173.2	182.6
-30°	52.6	56.6	61.5	68.3	77.6	89.9	105.3	126.5	151.3	165.9	176.3
-32.5°	48.1	53.0	57.6	63.5	71.3	80.9	95.1	114.8	136.6	157.9	169.1
-35°	44.5	49.0	53.5	58.5	64.7	74.2	87.5	103.1	122.0	143.0	159.8
-37.5°	40.8	44.9	49.3	53.5	59.1	68.8	79.6	93.4	109.1	125.8	144.1
-40°	37.1	40.6	44.7	48.7	55.1	63.7	73.5	84.3	97.3	110.5	124.9
-42.5°	33.2	36.4	39.8	44.3	51.5	59.2	67.3	76.9	86.1	96.3	108.2
-45°	29.3	32.2	34.8	40.6	47.8	54.8	62.3	69.6	76.8	84.1	93.3
-47.5°	25.5	28.0	30.5	36.7	43.7	50.6	57.3	63.3	68.5	74.7	80.5
-50°	22.1	24.3	27.3	33.0	39.2	45.9	52.4	57.1	61.8	66.5	71.5
-52.5°	19.1	20.9	24.6	29.4	34.9	40.8	46.6	51.2	55.3	59.3	63.7
-55°	16.3	18.2	21.7	25.9	30.7	36.0	40.3	44.7	49.2	52.8	56.7
-57.5°	13.8	16.0	19.1	22.4	26.6	31.0	34.7	38.0	41.9	45.9	50.3
-60°	11.5	13.8	16.6	19.4	22.4	26.3	29.6	32.6	35.4	38.2	42.6
-62.5°	9.3	11.6	14.1	16.7	19.3	22.1	25.3	28.0	30.1	32.6	35.5
-65°	7.6	9.5	11.6	13.9	16.3	18.9	21.5	24.2	26.7	27.9	29.3
-67.5°	5.8	7.5	9.2	11.1	13.2	15.3	17.9	20.4	22.7	23.6	24.5
-70°	4.6	5.6	7.0	8.5	10.0	11.3	13.2	15.4	17.7	18.9	19.5
-72.5°	3.3	4.2	5.1	6.0	7.2	8.1	9.1	10.0	11.4	13.1	14.3
-75°	2.4	2.8	3.4	4.2	4.9	5.4	5.9	6.6	7.5	8.5	9.5
-77.5°	1.8	2.1	2.3	2.6	2.9	3.4	3.9	4.2	4.7	5.3	5.8
-80°	1.4	1.4	1.6	1.8	2.0	2.2	2.4	2.5	2.7	3.0	3.3
-82.5°	1.3	1.2	1.2	1.2	1.3	1.3	1.4	1.6	1.7	1.8	1.9
-85°	1.1	1.1	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
-87.5°	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	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: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TSB-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
85°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
82.5°	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.7
80°	3.7	4.0	4.2	4.4	4.5	5.0	5.6	6.2	6.9	7.1	7.3
77.5°	6.6	7.0	7.3	7.6	7.7	8.8	10.2	11.6	13.2	13.9	14.5
75°	10.4	11.0	11.4	11.6	11.8	13.5	15.9	18.5	21.1	22.5	23.5
72.5°	15.1	15.6	16.0	16.3	16.5	19.0	23.4	28.2	33.2	36.4	38.6
70°	20.1	20.7	21.1	21.5	21.8	24.7	31.1	37.8	44.7	51.7	59.0
67.5°	25.5	26.6	27.2	27.6	27.9	30.4	37.2	43.5	49.3	61.8	81.6
65°	31.3	33.9	35.0	35.6	35.9	37.0	42.9	48.1	52.9	62.6	77.6
62.5°	38.7	42.2	43.8	44.5	45.0	45.0	49.8	54.2	58.2	64.3	73.9
60°	46.7	50.5	52.4	53.0	53.3	53.4	57.2	61.6	65.7	70.6	79.5
57.5°	54.0	57.5	60.4	61.6	62.5	63.2	66.5	71.6	76.4	81.4	91.0
55°	60.9	65.2	69.3	71.5	73.7	75.5	78.8	85.3	91.4	97.3	107.2
52.5°	68.5	74.0	79.5	83.5	87.5	91.0	94.6	103.0	111.2	119.0	128.7
50°	77.6	84.4	92.3	99.0	104.7	110.4	115.4	125.4	136.5	147.1	157.3
47.5°	89.1	98.1	108.2	117.8	125.5	134.3	142.2	152.4	162.2	172.1	180.5
45°	103.3	115.7	127.4	140.0	151.1	156.9	161.5	167.9	177.9	187.6	195.4
42.5°	121.3	135.8	150.2	159.6	166.7	171.4	174.7	178.0	188.7	198.0	205.6
40°	141.4	156.0	164.8	172.5	177.5	181.6	186.9	192.1	200.4	210.0	218.4
37.5°	158.9	168.2	176.0	182.0	188.0	193.6	201.1	208.6	216.5	227.2	235.1
35°	169.6	177.8	185.7	193.3	200.9	209.5	218.9	229.9	239.6	230.8	218.0
32.5°	177.8	186.2	195.7	207.4	217.9	229.6	241.5	222.5	203.0	195.3	196.9
30°	184.9	194.7	207.8	223.1	237.7	232.5	206.5	197.4	200.1	205.5	215.7
27.5°	192.6	204.7	220.7	239.5	227.9	199.2	200.7	206.0	223.8	239.0	261.9
25°	201.6	216.2	236.1	227.4	201.0	203.8	217.1	237.2	271.2	302.9	330.6
22.5°	212.4	231.1	233.8	201.1	204.7	222.1	249.2	292.8	334.0	372.3	401.0
20°	223.5	245.0	211.9	205.0	220.3	251.5	301.8	351.8	397.9	432.1	460.8
17.5°	236.7	229.1	205.7	213.0	244.0	297.8	354.4	407.5	451.0	510.2	560.6
15°	248.3	213.8	209.4	233.7	280.3	340.9	402.4	450.1	528.6	613.4	699.3
12.5°	241.7	208.4	216.2	252.1	313.4	378.9	433.2	508.7	612.5	736.5	922.7
10°	231.8	211.5	230.6	277.6	341.7	405.5	462.0	560.9	698.0	925.6	1218.8
7.5°	224.2	212.8	240.1	297.1	362.8	421.6	496.9	616.8	807.8	1120.1	1744.5
5°	218.5	212.7	244.4	308.4	375.3	432.7	518.4	657.5	915.5	1360.5	2427.4
2.5°	215.9	211.6	245.6	314.5	381.4	438.8	531.8	686.7	983.5	1583.7	3191.9
0°	217.6	209.3	245.2	316.8	385.0	438.0	533.7	695.5	1004.0	1666.2	3294.5
-2.5°	215.9	211.6	245.6	314.5	381.4	438.8	531.8	686.7	983.5	1583.7	3191.9
-5°	218.5	212.7	244.4	308.4	375.3	432.7	518.4	657.5	915.5	1360.5	2427.4
-7.5°	224.2	212.8	240.1	297.1	362.8	421.6	496.9	616.8	807.8	1120.1	1744.5
-10°	231.8	211.5	230.6	277.6	341.7	405.5	462.0	560.9	698.0	925.6	1218.8
-12.5°	241.7	208.4	216.2	252.1	313.4	378.9	433.2	508.7	612.5	736.5	922.7
-15°	248.3	213.8	209.4	233.7	280.3	340.9	402.4	450.1	528.6	613.4	699.3
-17.5°	236.7	229.1	205.7	213.0	244.0	297.8	354.4	407.5	451.0	510.2	560.6
-20°	223.5	245.0	211.9	205.0	220.3	251.5	301.8	351.8	397.9	432.1	460.8



REPORT NUMBER: P558649 (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°
-22.5°	212.4	231.1	233.8	201.1	204.7	222.1	249.2	292.8	334.0	372.3	401.0
-25°	201.6	216.2	236.1	227.4	201.0	203.8	217.1	237.2	271.2	302.9	330.6
-27.5°	192.6	204.7	220.7	239.5	227.9	199.2	200.7	206.0	223.8	239.0	261.9
-30°	184.9	194.7	207.8	223.1	237.7	232.5	206.5	197.4	200.1	205.5	215.7
-32.5°	177.8	186.2	195.7	207.4	217.9	229.6	241.5	222.5	203.0	195.3	196.9
-35°	169.6	177.8	185.7	193.3	200.9	209.5	218.9	229.9	239.6	230.8	218.0
-37.5°	158.9	168.2	176.0	182.0	188.0	193.6	201.1	208.6	216.5	227.2	235.1
-40°	141.4	156.0	164.8	172.5	177.5	181.6	186.9	192.1	200.4	210.0	218.4
-42.5°	121.3	135.8	150.2	159.6	166.7	171.4	174.7	178.0	188.7	198.0	205.6
-45°	103.3	115.7	127.4	140.0	151.1	156.9	161.5	167.9	177.9	187.6	195.4
-47.5°	89.1	98.1	108.2	117.8	125.5	134.3	142.2	152.4	162.2	172.1	180.5
-50°	77.6	84.4	92.3	99.0	104.7	110.4	115.4	125.4	136.5	147.1	157.3
-52.5°	68.5	74.0	79.5	83.5	87.5	91.0	94.6	103.0	111.2	119.0	128.7
-55°	60.9	65.2	69.3	71.5	73.7	75.5	78.8	85.3	91.4	97.3	107.2
-57.5°	54.0	57.5	60.4	61.6	62.5	63.2	66.5	71.6	76.4	81.4	91.0
-60°	46.7	50.5	52.4	53.0	53.3	53.4	57.2	61.6	65.7	70.6	79.5
-62.5°	38.7	42.2	43.8	44.5	45.0	45.0	49.8	54.2	58.2	64.3	73.9
-65°	31.3	33.9	35.0	35.6	35.9	37.0	42.9	48.1	52.9	62.6	77.6
-67.5°	25.5	26.6	27.2	27.6	27.9	30.4	37.2	43.5	49.3	61.8	81.6
-70°	20.1	20.7	21.1	21.5	21.8	24.7	31.1	37.8	44.7	51.7	59.0
-72.5°	15.1	15.6	16.0	16.3	16.5	19.0	23.4	28.2	33.2	36.4	38.6
-75°	10.4	11.0	11.4	11.6	11.8	13.5	15.9	18.5	21.1	22.5	23.5
-77.5°	6.6	7.0	7.3	7.6	7.7	8.8	10.2	11.6	13.2	13.9	14.5
-80°	3.7	4.0	4.2	4.4	4.5	5.0	5.6	6.2	6.9	7.1	7.3
-82.5°	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.7
-85°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	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: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TSB-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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6
80°	7.4	7.5	7.2	6.9	7.2	7.5	7.4	7.3	7.1	6.9	6.2
77.5°	15.1	15.6	15.1	14.5	15.1	15.6	15.1	14.5	13.9	13.2	11.6
75°	24.4	25.2	24.8	24.1	24.8	25.2	24.4	23.5	22.5	21.1	18.5
72.5°	40.8	42.8	42.3	41.3	42.3	42.8	40.8	38.6	36.4	33.2	28.2
70°	66.7	74.5	74.2	72.3	74.2	74.5	66.7	59.0	51.7	44.7	37.8
67.5°	102.9	125.1	132.2	135.7	132.2	125.1	102.9	81.6	61.8	49.3	43.5
65°	91.6	105.0	110.3	114.3	110.3	105.0	91.6	77.6	62.6	52.9	48.1
62.5°	82.4	90.4	92.1	92.3	92.1	90.4	82.4	73.9	64.3	58.2	54.2
60°	88.2	96.7	97.9	96.4	97.9	96.7	88.2	79.5	70.6	65.7	61.6
57.5°	100.2	109.0	110.6	108.8	110.6	109.0	100.2	91.0	81.4	76.4	71.6
55°	116.8	125.7	128.7	128.1	128.7	125.7	116.8	107.2	97.3	91.4	85.3
52.5°	137.9	146.1	149.5	149.4	149.5	146.1	137.9	128.7	119.0	111.2	103.0
50°	166.1	173.5	177.2	177.7	177.2	173.5	166.1	157.3	147.1	136.5	125.4
47.5°	186.5	191.3	193.9	194.2	193.9	191.3	186.5	180.5	172.1	162.2	152.4
45°	199.0	201.6	203.6	205.2	203.6	201.6	199.0	195.4	187.6	177.9	167.9
42.5°	210.7	216.2	220.2	221.1	220.2	216.2	210.7	205.6	198.0	188.7	178.0
40°	226.4	233.9	241.1	248.6	241.1	233.9	226.4	218.4	210.0	200.4	192.1
37.5°	243.2	251.5	258.5	262.4	258.5	251.5	243.2	235.1	227.2	216.5	208.6
35°	209.0	203.5	200.3	199.0	200.3	203.5	209.0	218.0	230.8	239.6	229.9
32.5°	197.8	198.2	197.5	196.3	197.5	198.2	197.8	196.9	195.3	203.0	222.5
30°	223.4	227.0	227.4	227.3	227.4	227.0	223.4	215.7	205.5	200.1	197.4
27.5°	278.9	288.2	291.1	296.8	291.1	288.2	278.9	261.9	239.0	223.8	206.0
25°	352.1	366.1	372.8	375.3	372.8	366.1	352.1	330.6	302.9	271.2	237.2
22.5°	417.1	427.8	434.1	439.4	434.1	427.8	417.1	401.0	372.3	334.0	292.8
20°	494.1	513.7	522.7	523.4	522.7	513.7	494.1	460.8	432.1	397.9	351.8
17.5°	614.5	652.6	671.6	676.9	671.6	652.6	614.5	560.6	510.2	451.0	407.5
15°	804.3	901.5	951.5	975.1	951.5	901.5	804.3	699.3	613.4	528.6	450.1
12.5°	1113.9	1333.1	1510.3	1577.0	1510.3	1333.1	1113.9	922.7	736.5	612.5	508.7
10°	1727.5	2381.9	3146.5	3503.1	3146.5	2381.9	1727.5	1218.8	925.6	698.0	560.9
7.5°	3341.9	7759.4	15039.0	18511.5	15039.0	7759.4	3341.9	1744.5	1120.1	807.8	616.8
5°	7123.4	30742.5	55056.0	64668.0	55056.0	30742.5	7123.4	2427.4	1360.5	915.5	657.5
2.5°	11346.1	50421.8	95137.8	111243.9	95137.8	50421.8	11346.1	3191.9	1583.7	983.5	686.7
0°	13556.3	53135.3	104982.4	121053.0	104982.4	53135.3	13556.3	3294.5	1666.2	1004.0	695.5
-2.5°	11346.1	50421.8	95137.8	111243.9	95137.8	50421.8	11346.1	3191.9	1583.7	983.5	686.7
-5°	7123.4	30742.5	55056.0	64668.0	55056.0	30742.5	7123.4	2427.4	1360.5	915.5	657.5
-7.5°	3341.9	7759.4	15039.0	18511.5	15039.0	7759.4	3341.9	1744.5	1120.1	807.8	616.8
-10°	1727.5	2381.9	3146.5	3503.1	3146.5	2381.9	1727.5	1218.8	925.6	698.0	560.9
-12.5°	1113.9	1333.1	1510.3	1577.0	1510.3	1333.1	1113.9	922.7	736.5	612.5	508.7
-15°	804.3	901.5	951.5	975.1	951.5	901.5	804.3	699.3	613.4	528.6	450.1
-17.5°	614.5	652.6	671.6	676.9	671.6	652.6	614.5	560.6	510.2	451.0	407.5
-20°	494.1	513.7	522.7	523.4	522.7	513.7	494.1	460.8	432.1	397.9	351.8



REPORT NUMBER: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	417.1	427.8	434.1	439.4	434.1	427.8	417.1	401.0	372.3	334.0	292.8
-25°	352.1	366.1	372.8	375.3	372.8	366.1	352.1	330.6	302.9	271.2	237.2
-27.5°	278.9	288.2	291.1	296.8	291.1	288.2	278.9	261.9	239.0	223.8	206.0
-30°	223.4	227.0	227.4	227.3	227.4	227.0	223.4	215.7	205.5	200.1	197.4
-32.5°	197.8	198.2	197.5	196.3	197.5	198.2	197.8	196.9	195.3	203.0	222.5
-35°	209.0	203.5	200.3	199.0	200.3	203.5	209.0	218.0	230.8	239.6	229.9
-37.5°	243.2	251.5	258.5	262.4	258.5	251.5	243.2	235.1	227.2	216.5	208.6
-40°	226.4	233.9	241.1	248.6	241.1	233.9	226.4	218.4	210.0	200.4	192.1
-42.5°	210.7	216.2	220.2	221.1	220.2	216.2	210.7	205.6	198.0	188.7	178.0
-45°	199.0	201.6	203.6	205.2	203.6	201.6	199.0	195.4	187.6	177.9	167.9
-47.5°	186.5	191.3	193.9	194.2	193.9	191.3	186.5	180.5	172.1	162.2	152.4
-50°	166.1	173.5	177.2	177.7	177.2	173.5	166.1	157.3	147.1	136.5	125.4
-52.5°	137.9	146.1	149.5	149.4	149.5	146.1	137.9	128.7	119.0	111.2	103.0
-55°	116.8	125.7	128.7	128.1	128.7	125.7	116.8	107.2	97.3	91.4	85.3
-57.5°	100.2	109.0	110.6	108.8	110.6	109.0	100.2	91.0	81.4	76.4	71.6
-60°	88.2	96.7	97.9	96.4	97.9	96.7	88.2	79.5	70.6	65.7	61.6
-62.5°	82.4	90.4	92.1	92.3	92.1	90.4	82.4	73.9	64.3	58.2	54.2
-65°	91.6	105.0	110.3	114.3	110.3	105.0	91.6	77.6	62.6	52.9	48.1
-67.5°	102.9	125.1	132.2	135.7	132.2	125.1	102.9	81.6	61.8	49.3	43.5
-70°	66.7	74.5	74.2	72.3	74.2	74.5	66.7	59.0	51.7	44.7	37.8
-72.5°	40.8	42.8	42.3	41.3	42.3	42.8	40.8	38.6	36.4	33.2	28.2
-75°	24.4	25.2	24.8	24.1	24.8	25.2	24.4	23.5	22.5	21.1	18.5
-77.5°	15.1	15.6	15.1	14.5	15.1	15.6	15.1	14.5	13.9	13.2	11.6
-80°	7.4	7.5	7.2	6.9	7.2	7.5	7.4	7.3	7.1	6.9	6.2
-82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6
-85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	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: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TSB-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°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
82.5°	2.5	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6
80°	5.6	5.0	4.5	4.4	4.2	4.0	3.7	3.3	3.0	2.7	2.5
77.5°	10.2	8.8	7.7	7.6	7.3	7.0	6.6	5.8	5.3	4.7	4.2
75°	15.9	13.5	11.8	11.6	11.4	11.0	10.4	9.5	8.5	7.5	6.6
72.5°	23.4	19.0	16.5	16.3	16.0	15.6	15.1	14.3	13.1	11.4	10.0
70°	31.1	24.7	21.8	21.5	21.1	20.7	20.1	19.5	18.9	17.7	15.4
67.5°	37.2	30.4	27.9	27.6	27.2	26.6	25.5	24.5	23.6	22.7	20.4
65°	42.9	37.0	35.9	35.6	35.0	33.9	31.3	29.3	27.9	26.7	24.2
62.5°	49.8	45.0	45.0	44.5	43.8	42.2	38.7	35.5	32.6	30.1	28.0
60°	57.2	53.4	53.3	53.0	52.4	50.5	46.7	42.6	38.2	35.4	32.6
57.5°	66.5	63.2	62.5	61.6	60.4	57.5	54.0	50.3	45.9	41.9	38.0
55°	78.8	75.5	73.7	71.5	69.3	65.2	60.9	56.7	52.8	49.2	44.7
52.5°	94.6	91.0	87.5	83.5	79.5	74.0	68.5	63.7	59.3	55.3	51.2
50°	115.4	110.4	104.7	99.0	92.3	84.4	77.6	71.5	66.5	61.8	57.1
47.5°	142.2	134.3	125.5	117.8	108.2	98.1	89.1	80.5	74.7	68.5	63.3
45°	161.5	156.9	151.1	140.0	127.4	115.7	103.3	93.3	84.1	76.8	69.6
42.5°	174.7	171.4	166.7	159.6	150.2	135.8	121.3	108.2	96.3	86.1	76.9
40°	186.9	181.6	177.5	172.5	164.8	156.0	141.4	124.9	110.5	97.3	84.3
37.5°	201.1	193.6	188.0	182.0	176.0	168.2	158.9	144.1	125.8	109.1	93.4
35°	218.9	209.5	200.9	193.3	185.7	177.8	169.6	159.8	143.0	122.0	103.1
32.5°	241.5	229.6	217.9	207.4	195.7	186.2	177.8	169.1	157.9	136.6	114.8
30°	206.5	232.5	237.7	223.1	207.8	194.7	184.9	176.3	165.9	151.3	126.5
27.5°	200.7	199.2	227.9	239.5	220.7	204.7	192.6	182.6	173.2	160.4	140.0
25°	217.1	203.8	201.0	227.4	236.1	216.2	201.6	189.7	178.8	168.0	155.9
22.5°	249.2	222.1	204.7	201.1	233.8	231.1	212.4	197.0	185.3	178.4	166.9
20°	301.8	251.5	220.3	205.0	211.9	245.0	223.5	207.2	196.4	188.1	177.1
17.5°	354.4	297.8	244.0	213.0	205.7	229.1	236.7	219.4	206.0	198.0	187.2
15°	402.4	340.9	280.3	233.7	209.4	213.8	248.3	230.7	215.0	207.1	195.5
12.5°	433.2	378.9	313.4	252.1	216.2	208.4	241.7	240.7	224.5	212.5	200.9
10°	462.0	405.5	341.7	277.6	230.6	211.5	231.8	249.0	232.1	216.8	205.3
7.5°	496.9	421.6	362.8	297.1	240.1	212.8	224.2	256.5	239.1	221.2	208.7
5°	518.4	432.7	375.3	308.4	244.4	212.7	218.5	263.2	245.3	225.4	211.2
2.5°	531.8	438.8	381.4	314.5	245.6	211.6	215.9	269.3	251.3	227.8	211.9
0°	533.7	438.0	385.0	316.8	245.2	209.3	217.6	274.8	256.9	229.3	212.1
-2.5°	531.8	438.8	381.4	314.5	245.6	211.6	215.9	269.3	251.3	227.8	211.9
-5°	518.4	432.7	375.3	308.4	244.4	212.7	218.5	263.2	245.3	225.4	211.2
-7.5°	496.9	421.6	362.8	297.1	240.1	212.8	224.2	256.5	239.1	221.2	208.7
-10°	462.0	405.5	341.7	277.6	230.6	211.5	231.8	249.0	232.1	216.8	205.3
-12.5°	433.2	378.9	313.4	252.1	216.2	208.4	241.7	240.7	224.5	212.5	200.9
-15°	402.4	340.9	280.3	233.7	209.4	213.8	248.3	230.7	215.0	207.1	195.5
-17.5°	354.4	297.8	244.0	213.0	205.7	229.1	236.7	219.4	206.0	198.0	187.2
-20°	301.8	251.5	220.3	205.0	211.9	245.0	223.5	207.2	196.4	188.1	177.1



REPORT NUMBER: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	249.2	222.1	204.7	201.1	233.8	231.1	212.4	197.0	185.3	178.4	166.9
-25°	217.1	203.8	201.0	227.4	236.1	216.2	201.6	189.7	178.8	168.0	155.9
-27.5°	200.7	199.2	227.9	239.5	220.7	204.7	192.6	182.6	173.2	160.4	140.0
-30°	206.5	232.5	237.7	223.1	207.8	194.7	184.9	176.3	165.9	151.3	126.5
-32.5°	241.5	229.6	217.9	207.4	195.7	186.2	177.8	169.1	157.9	136.6	114.8
-35°	218.9	209.5	200.9	193.3	185.7	177.8	169.6	159.8	143.0	122.0	103.1
-37.5°	201.1	193.6	188.0	182.0	176.0	168.2	158.9	144.1	125.8	109.1	93.4
-40°	186.9	181.6	177.5	172.5	164.8	156.0	141.4	124.9	110.5	97.3	84.3
-42.5°	174.7	171.4	166.7	159.6	150.2	135.8	121.3	108.2	96.3	86.1	76.9
-45°	161.5	156.9	151.1	140.0	127.4	115.7	103.3	93.3	84.1	76.8	69.6
-47.5°	142.2	134.3	125.5	117.8	108.2	98.1	89.1	80.5	74.7	68.5	63.3
-50°	115.4	110.4	104.7	99.0	92.3	84.4	77.6	71.5	66.5	61.8	57.1
-52.5°	94.6	91.0	87.5	83.5	79.5	74.0	68.5	63.7	59.3	55.3	51.2
-55°	78.8	75.5	73.7	71.5	69.3	65.2	60.9	56.7	52.8	49.2	44.7
-57.5°	66.5	63.2	62.5	61.6	60.4	57.5	54.0	50.3	45.9	41.9	38.0
-60°	57.2	53.4	53.3	53.0	52.4	50.5	46.7	42.6	38.2	35.4	32.6
-62.5°	49.8	45.0	45.0	44.5	43.8	42.2	38.7	35.5	32.6	30.1	28.0
-65°	42.9	37.0	35.9	35.6	35.0	33.9	31.3	29.3	27.9	26.7	24.2
-67.5°	37.2	30.4	27.9	27.6	27.2	26.6	25.5	24.5	23.6	22.7	20.4
-70°	31.1	24.7	21.8	21.5	21.1	20.7	20.1	19.5	18.9	17.7	15.4
-72.5°	23.4	19.0	16.5	16.3	16.0	15.6	15.1	14.3	13.1	11.4	10.0
-75°	15.9	13.5	11.8	11.6	11.4	11.0	10.4	9.5	8.5	7.5	6.6
-77.5°	10.2	8.8	7.7	7.6	7.3	7.0	6.6	5.8	5.3	4.7	4.2
-80°	5.6	5.0	4.5	4.4	4.2	4.0	3.7	3.3	3.0	2.7	2.5
-82.5°	2.5	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6
-85°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-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: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TSB-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°	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4
85°	0.9	0.9	0.9	0.8	0.9	1.1	1.1	1.2	1.1	1.0	0.8
82.5°	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.4	1.4	1.4	1.3
80°	2.4	2.2	2.0	1.8	1.6	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	3.9	3.4	2.9	2.6	2.3	2.1	1.8	1.5	1.4	1.4	1.4
75°	5.9	5.4	4.9	4.2	3.4	2.8	2.4	2.1	1.8	1.5	1.4
72.5°	9.1	8.1	7.2	6.0	5.1	4.2	3.3	2.7	2.4	2.0	1.5
70°	13.2	11.3	10.0	8.5	7.0	5.6	4.6	3.8	3.0	2.6	2.1
67.5°	17.9	15.3	13.2	11.1	9.2	7.5	5.8	5.0	4.2	3.2	2.6
65°	21.5	18.9	16.3	13.9	11.6	9.5	7.6	6.3	5.3	4.3	3.2
62.5°	25.3	22.1	19.3	16.7	14.1	11.6	9.3	8.1	6.5	5.3	4.0
60°	29.6	26.3	22.4	19.4	16.6	13.8	11.5	9.9	8.2	6.3	5.0
57.5°	34.7	31.0	26.6	22.4	19.1	16.0	13.8	12.0	10.0	7.8	5.9
55°	40.3	36.0	30.7	25.9	21.7	18.2	16.3	14.2	11.8	9.4	7.0
52.5°	46.6	40.8	34.9	29.4	24.6	20.9	19.1	16.5	13.9	11.1	8.5
50°	52.4	45.9	39.2	33.0	27.3	24.3	22.1	19.3	16.1	12.8	10.2
47.5°	57.3	50.6	43.7	36.7	30.5	28.0	25.5	22.2	18.3	14.8	11.9
45°	62.3	54.8	47.8	40.6	34.8	32.2	29.3	25.2	21.0	17.1	13.7
42.5°	67.3	59.2	51.5	44.3	39.8	36.4	33.2	28.7	23.8	19.6	15.7
40°	73.5	63.7	55.1	48.7	44.7	40.6	37.1	32.5	26.7	22.3	17.9
37.5°	79.6	68.8	59.1	53.5	49.3	44.9	40.8	36.4	30.4	25.4	20.2
35°	87.5	74.2	64.7	58.5	53.5	49.0	44.5	40.2	34.7	28.5	22.5
32.5°	95.1	80.9	71.3	63.5	57.6	53.0	48.1	44.9	39.2	31.6	24.8
30°	105.3	89.9	77.6	68.3	61.5	56.6	52.6	50.2	43.7	34.8	27.2
27.5°	117.9	98.8	84.2	73.6	65.7	60.1	58.7	56.1	48.5	38.2	29.8
25°	130.7	109.2	92.0	79.0	69.6	66.1	64.6	62.4	53.3	42.1	32.4
22.5°	144.9	119.9	99.6	84.0	76.3	71.8	70.3	67.8	58.5	46.0	34.9
20°	158.6	130.0	107.4	92.5	83.5	78.0	75.6	73.1	63.9	49.8	37.4
17.5°	171.1	141.3	118.3	101.7	90.8	84.0	80.8	78.3	69.4	53.6	39.8
15°	179.4	153.4	128.5	110.3	97.8	89.9	85.7	83.4	75.0	57.3	41.5
12.5°	186.4	164.0	137.7	118.3	104.6	95.7	90.6	88.4	80.6	59.7	42.4
10°	192.4	173.1	146.0	125.8	110.9	101.2	95.2	91.9	82.7	60.9	43.2
7.5°	197.2	180.9	153.3	132.6	116.2	104.0	95.9	92.5	84.0	61.8	43.9
5°	200.6	185.4	156.7	134.4	116.6	103.8	95.9	93.1	84.9	62.4	44.4
2.5°	201.1	185.9	157.6	135.0	116.7	103.3	95.9	93.5	85.3	62.7	44.7
0°	201.1	185.2	157.7	135.0	116.4	102.6	95.7	93.7	85.4	62.7	44.8
-2.5°	201.1	185.9	157.6	135.0	116.7	103.3	95.9	93.5	85.3	62.7	44.7
-5°	200.6	185.4	156.7	134.4	116.6	103.8	95.9	93.1	84.9	62.4	44.4
-7.5°	197.2	180.9	153.3	132.6	116.2	104.0	95.9	92.5	84.0	61.8	43.9
-10°	192.4	173.1	146.0	125.8	110.9	101.2	95.2	91.9	82.7	60.9	43.2
-12.5°	186.4	164.0	137.7	118.3	104.6	95.7	90.6	88.4	80.6	59.7	42.4
-15°	179.4	153.4	128.5	110.3	97.8	89.9	85.7	83.4	75.0	57.3	41.5
-17.5°	171.1	141.3	118.3	101.7	90.8	84.0	80.8	78.3	69.4	53.6	39.8
-20°	158.6	130.0	107.4	92.5	83.5	78.0	75.6	73.1	63.9	49.8	37.4



REPORT NUMBER: P558649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	144.9	119.9	99.6	84.0	76.3	71.8	70.3	67.8	58.5	46.0	34.9
-25°	130.7	109.2	92.0	79.0	69.6	66.1	64.6	62.4	53.3	42.1	32.4
-27.5°	117.9	98.8	84.2	73.6	65.7	60.1	58.7	56.1	48.5	38.2	29.8
-30°	105.3	89.9	77.6	68.3	61.5	56.6	52.6	50.2	43.7	34.8	27.2
-32.5°	95.1	80.9	71.3	63.5	57.6	53.0	48.1	44.9	39.2	31.6	24.8
-35°	87.5	74.2	64.7	58.5	53.5	49.0	44.5	40.2	34.7	28.5	22.5
-37.5°	79.6	68.8	59.1	53.5	49.3	44.9	40.8	36.4	30.4	25.4	20.2
-40°	73.5	63.7	55.1	48.7	44.7	40.6	37.1	32.5	26.7	22.3	17.9
-42.5°	67.3	59.2	51.5	44.3	39.8	36.4	33.2	28.7	23.8	19.6	15.7
-45°	62.3	54.8	47.8	40.6	34.8	32.2	29.3	25.2	21.0	17.1	13.7
-47.5°	57.3	50.6	43.7	36.7	30.5	28.0	25.5	22.2	18.3	14.8	11.9
-50°	52.4	45.9	39.2	33.0	27.3	24.3	22.1	19.3	16.1	12.8	10.2
-52.5°	46.6	40.8	34.9	29.4	24.6	20.9	19.1	16.5	13.9	11.1	8.5
-55°	40.3	36.0	30.7	25.9	21.7	18.2	16.3	14.2	11.8	9.4	7.0
-57.5°	34.7	31.0	26.6	22.4	19.1	16.0	13.8	12.0	10.0	7.8	5.9
-60°	29.6	26.3	22.4	19.4	16.6	13.8	11.5	9.9	8.2	6.3	5.0
-62.5°	25.3	22.1	19.3	16.7	14.1	11.6	9.3	8.1	6.5	5.3	4.0
-65°	21.5	18.9	16.3	13.9	11.6	9.5	7.6	6.3	5.3	4.3	3.2
-67.5°	17.9	15.3	13.2	11.1	9.2	7.5	5.8	5.0	4.2	3.2	2.6
-70°	13.2	11.3	10.0	8.5	7.0	5.6	4.6	3.8	3.0	2.6	2.1
-72.5°	9.1	8.1	7.2	6.0	5.1	4.2	3.3	2.7	2.4	2.0	1.5
-75°	5.9	5.4	4.9	4.2	3.4	2.8	2.4	2.1	1.8	1.5	1.4
-77.5°	3.9	3.4	2.9	2.6	2.3	2.1	1.8	1.5	1.4	1.4	1.4
-80°	2.4	2.2	2.0	1.8	1.6	1.4	1.4	1.4	1.4	1.4	1.4
-82.5°	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.4	1.4	1.4	1.3
-85°	0.9	0.9	0.9	0.8	0.9	1.1	1.1	1.2	1.1	1.0	0.8
-87.5°	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4
-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°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
80°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
77.5°	1.4	1.4	1.2	0.9	0.6	0.3	0.0
75°	1.4	1.4	1.4	1.1	0.7	0.4	0.0
72.5°	1.4	1.4	1.4	1.3	0.8	0.4	0.0
70°	1.5	1.4	1.4	1.4	1.0	0.5	0.0
67.5°	2.0	1.4	1.4	1.4	1.1	0.5	0.0
65°	2.5	1.6	1.4	1.4	1.2	0.6	0.0
62.5°	3.0	2.1	1.4	1.4	1.3	0.6	0.0
60°	3.5	2.5	1.4	1.4	1.4	0.7	0.0
57.5°	4.4	2.9	1.7	1.4	1.4	0.8	0.0
55°	5.3	3.4	2.1	1.4	1.4	0.8	0.0
52.5°	6.3	3.9	2.5	1.4	1.4	0.9	0.0
50°	7.3	4.8	2.8	1.4	1.4	0.9	0.0
47.5°	8.4	5.6	3.2	1.5	1.5	0.9	0.0
45°	9.9	6.5	3.5	1.7	1.5	1.0	0.0
42.5°	11.5	7.4	3.8	2.0	1.5	1.0	0.0
40°	13.1	8.3	4.3	2.2	1.5	1.1	0.0
37.5°	14.7	9.1	5.0	2.4	1.6	1.1	0.0
35°	16.3	10.3	5.7	2.6	1.6	1.1	0.0
32.5°	18.0	11.5	6.3	2.8	1.6	1.2	0.0
30°	19.9	12.8	6.9	3.0	1.7	1.2	0.0
27.5°	21.7	14.0	7.4	3.1	1.7	1.2	0.0
25°	23.6	15.2	7.7	3.2	1.7	1.3	0.0
22.5°	25.4	16.1	7.9	3.3	1.8	1.3	0.0
20°	27.1	16.5	8.1	3.4	1.8	1.3	0.0
17.5°	28.0	16.7	8.2	3.4	1.8	1.3	0.0
15°	28.4	16.8	8.3	3.5	1.9	1.4	0.0
12.5°	28.6	16.8	8.3	3.5	1.9	1.4	0.0
10°	28.6	16.7	8.2	3.5	2.0	1.4	0.0
7.5°	28.5	16.4	8.1	3.5	2.0	1.4	0.0
5°	28.3	16.1	8.0	3.5	2.0	1.4	0.0
2.5°	28.0	15.7	7.8	3.4	2.1	1.4	0.0
0°	27.5	15.2	7.6	3.4	2.1	1.4	0.0
-2.5°	28.0	15.7	7.8	3.4	2.1	1.4	0.0
-5°	28.3	16.1	8.0	3.5	2.0	1.4	0.0
-7.5°	28.5	16.4	8.1	3.5	2.0	1.4	0.0
-10°	28.6	16.7	8.2	3.5	2.0	1.4	0.0
-12.5°	28.6	16.8	8.3	3.5	1.9	1.4	0.0
-15°	28.4	16.8	8.3	3.5	1.9	1.4	0.0
-17.5°	28.0	16.7	8.2	3.4	1.8	1.3	0.0
-20°	27.1	16.5	8.1	3.4	1.8	1.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.4	16.1	7.9	3.3	1.8	1.3	0.0
-25°	23.6	15.2	7.7	3.2	1.7	1.3	0.0
-27.5°	21.7	14.0	7.4	3.1	1.7	1.2	0.0
-30°	19.9	12.8	6.9	3.0	1.7	1.2	0.0
-32.5°	18.0	11.5	6.3	2.8	1.6	1.2	0.0
-35°	16.3	10.3	5.7	2.6	1.6	1.1	0.0
-37.5°	14.7	9.1	5.0	2.4	1.6	1.1	0.0
-40°	13.1	8.3	4.3	2.2	1.5	1.1	0.0
-42.5°	11.5	7.4	3.8	2.0	1.5	1.0	0.0
-45°	9.9	6.5	3.5	1.7	1.5	1.0	0.0
-47.5°	8.4	5.6	3.2	1.5	1.5	0.9	0.0
-50°	7.3	4.8	2.8	1.4	1.4	0.9	0.0
-52.5°	6.3	3.9	2.5	1.4	1.4	0.9	0.0
-55°	5.3	3.4	2.1	1.4	1.4	0.8	0.0
-57.5°	4.4	2.9	1.7	1.4	1.4	0.8	0.0
-60°	3.5	2.5	1.4	1.4	1.4	0.7	0.0
-62.5°	3.0	2.1	1.4	1.4	1.3	0.6	0.0
-65°	2.5	1.6	1.4	1.4	1.2	0.6	0.0
-67.5°	2.0	1.4	1.4	1.4	1.1	0.5	0.0
-70°	1.5	1.4	1.4	1.4	1.0	0.5	0.0
-72.5°	1.4	1.4	1.4	1.3	0.8	0.4	0.0
-75°	1.4	1.4	1.4	1.1	0.7	0.4	0.0
-77.5°	1.4	1.4	1.2	0.9	0.6	0.3	0.0
-80°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-87.5°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)