

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: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558745 (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-SA2E-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

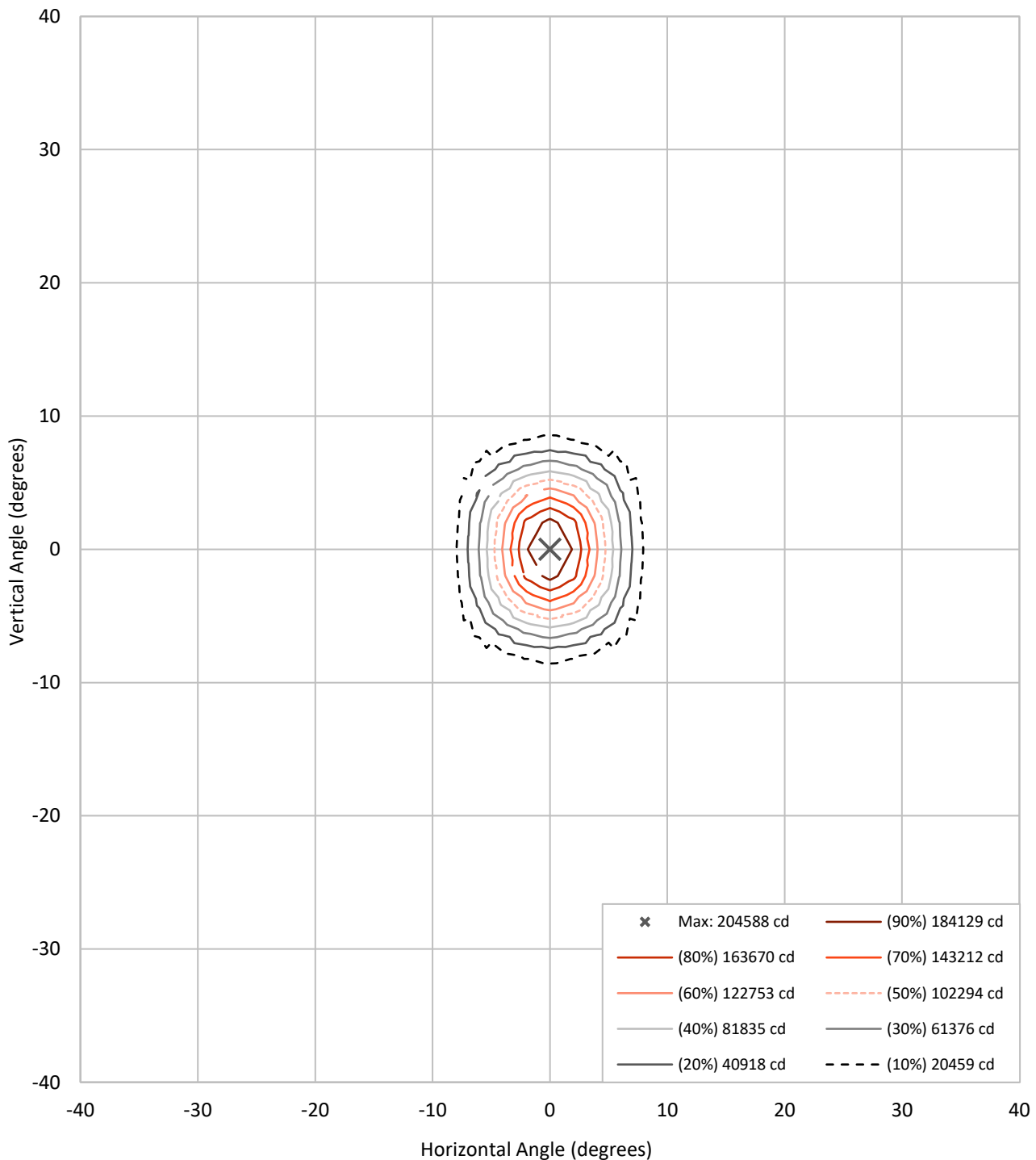
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7967.1 lumens	Max Intensity:	204588 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3414.8 lumens	Field Lumens:	5885.4 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 127
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





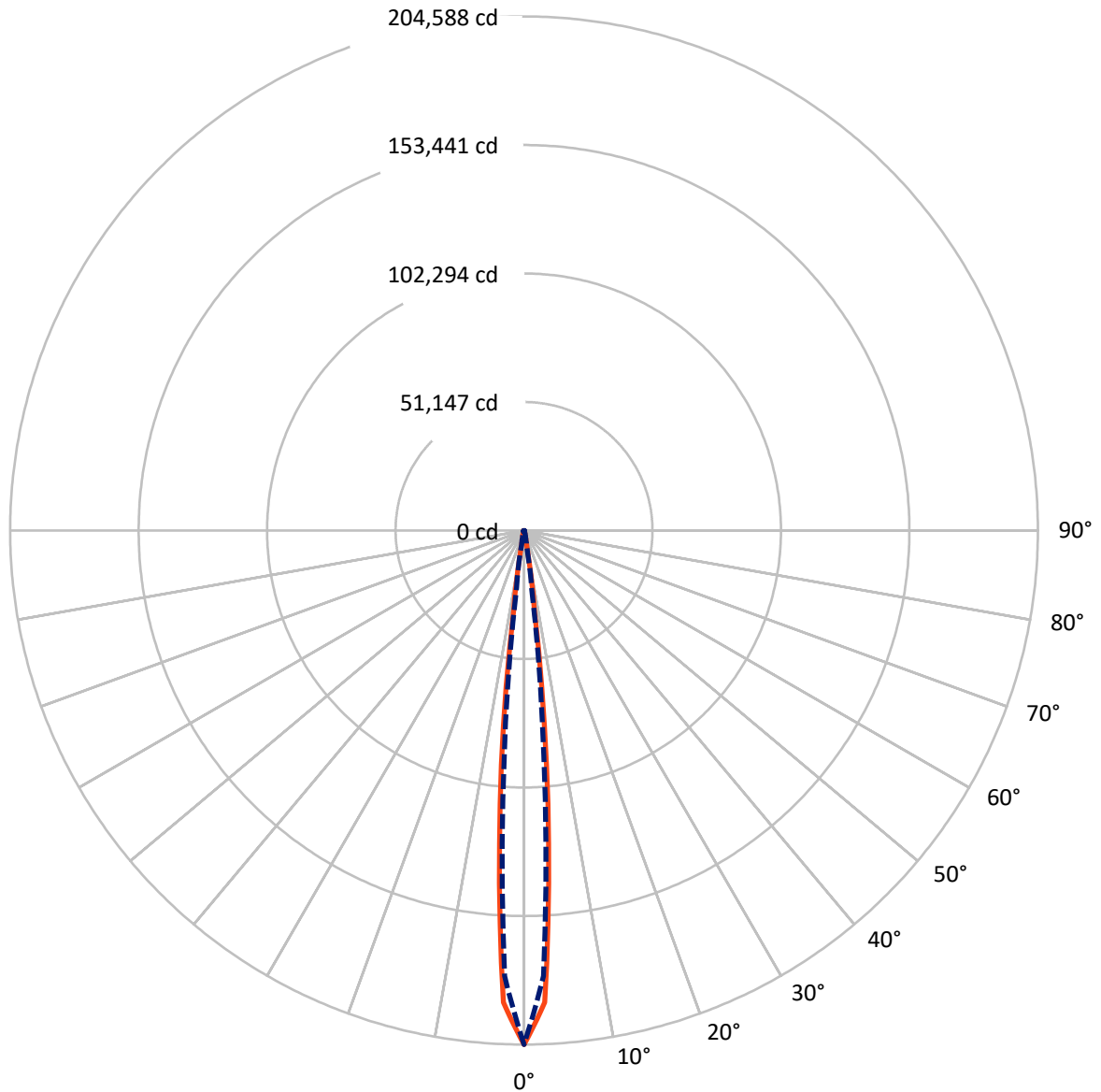
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Lumen Table

90	0.0		0.2		0.8		1.9		3.3		1.9		0.8		0.2		0.0
80	0.0		0.2		0.8		1.9		3.3		1.9		0.8		0.2		0.0
70	0.1	0.1	0.4	0.9	1.4	1.8	2.8	5.0	5.0	2.8	1.8	1.4	0.9	0.4	0.1	0.1	
60		0.3	0.8	1.6	2.6	3.5	4.7	6.4	6.4	4.7	3.5	2.6	1.6	0.8	0.3		
50	0.4	0.6	1.2	2.6	4.5	6.8	8.7	10.4	10.4	8.7	6.8	4.5	2.6	1.2	0.6	0.4	
40		0.9	1.8	3.9	7.0	9.4	10.7	11.3	11.3	10.7	9.4	7.0	3.9	1.8	0.9		
30	0.8	1.3	2.5	5.5	8.6	10.3	14.0	18.4	18.4	14.0	10.3	8.6	5.5	2.5	1.3	0.8	
20		1.7	3.4	6.9	9.5	13.5	27.4	54.7	54.7	27.4	13.5	9.5	6.9	3.4	1.7		
10	0.9	2.0	4.1	7.7	9.9	17.3	54.1	1600.7	1600.7	54.1	17.3	9.9	7.7	4.1	2.0	0.9	
0		2.0	4.1	7.7	9.9	17.3	54.1	1600.7	1600.7	54.1	17.3	9.9	7.7	4.1	2.0		
-10	0.8	1.7	3.4	6.9	9.5	13.5	27.4	54.7	54.7	27.4	13.5	9.5	6.9	3.4	1.7	0.8	
-20		1.3	2.5	5.5	8.6	10.3	14.0	18.4	18.4	14.0	10.3	8.6	5.5	2.5	1.3		
-30	0.4	0.9	1.8	3.9	7.0	9.4	10.7	11.3	11.3	10.7	9.4	7.0	3.9	1.8	0.9	0.4	
-40		0.6	1.2	2.6	4.5	6.8	8.7	10.4	10.4	8.7	6.8	4.5	2.6	1.2	0.6		
-50	0.1	0.3	0.8	1.6	2.6	3.5	4.7	6.4	6.4	4.7	3.5	2.6	1.6	0.8	0.3	0.1	
-60		0.1	0.4	0.9	1.4	1.8	2.8	5.0	5.0	2.8	1.8	1.4	0.9	0.4	0.1		
-70	0.0		0.2		0.8		1.9		3.3		1.9		0.8		0.2		0.0
-80	0.0		0.2		0.8		1.9		3.3		1.9		0.8		0.2		0.0
-90	0.0		0.2		0.8		1.9		3.3		1.9		0.8		0.2		0.0

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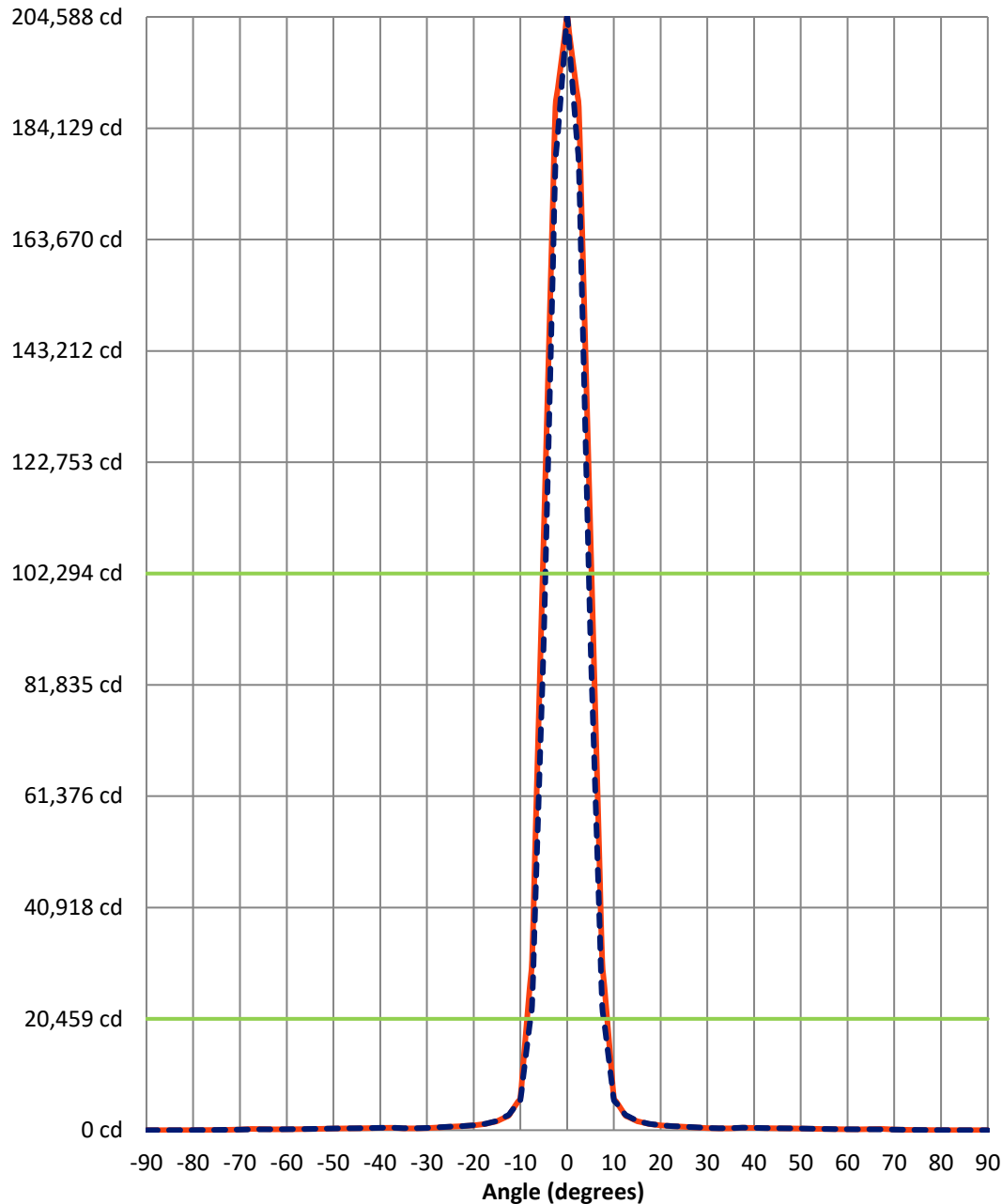
Luminous Intensity Polar Plot



— 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: 3414.8
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 5885.4
 Efficiency: 73.9%

Spill:
 Lumens: 2081.7
 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	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
82.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.3	2.3	2.3
80°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.3	2.3	2.3	2.3
77.5°	0.0	0.5	1.0	1.5	2.0	2.3	2.3	2.3	2.3	2.3	2.5
75°	0.0	0.6	1.2	1.8	2.3	2.3	2.3	2.3	2.4	3.1	3.6
72.5°	0.0	0.7	1.4	2.1	2.3	2.3	2.3	2.5	3.4	4.1	4.6
70°	0.0	0.8	1.6	2.3	2.3	2.3	2.4	3.5	4.4	5.2	6.4
67.5°	0.0	0.9	1.8	2.3	2.3	2.3	3.3	4.5	5.5	7.0	8.4
65°	0.0	1.0	1.9	2.3	2.3	2.7	4.2	5.4	7.2	8.9	10.6
62.5°	0.0	1.1	2.1	2.3	2.3	3.5	5.1	6.8	8.9	11.0	13.7
60°	0.0	1.1	2.3	2.3	2.3	4.2	5.9	8.4	10.7	13.9	16.8
57.5°	0.0	1.2	2.3	2.3	2.9	5.0	7.4	10.0	13.2	16.8	20.3
55°	0.0	1.3	2.3	2.3	3.5	5.8	9.0	11.7	15.9	19.9	24.0
52.5°	0.0	1.4	2.4	2.3	4.2	6.6	10.7	14.3	18.6	23.5	27.9
50°	0.0	1.5	2.4	2.3	4.8	8.1	12.4	17.2	21.6	27.2	32.6
47.5°	0.0	1.6	2.4	2.4	5.4	9.6	14.2	20.1	24.9	30.9	37.5
45°	0.0	1.6	2.4	2.9	6.0	11.0	16.8	23.1	28.9	35.5	42.6
42.5°	0.0	1.7	2.5	3.3	6.5	12.5	19.4	26.5	33.1	40.3	48.6
40°	0.0	1.8	2.5	3.7	7.4	14.0	22.1	30.2	37.7	45.2	54.9
37.5°	0.0	1.8	2.6	4.1	8.5	15.5	24.8	34.0	42.9	51.4	61.5
35°	0.0	1.9	2.6	4.5	9.7	17.4	27.6	37.9	48.1	58.6	67.8
32.5°	0.0	1.9	2.7	4.8	10.7	19.6	30.4	41.9	53.5	66.1	75.9
30°	0.0	2.0	2.7	5.0	11.8	21.7	33.6	46.0	58.8	73.9	84.9
27.5°	0.0	2.0	2.8	5.3	12.5	23.7	36.7	50.4	64.6	81.8	94.8
25°	0.0	2.1	2.9	5.5	13.0	25.7	39.8	54.7	71.2	90.1	105.5
22.5°	0.0	2.1	2.9	5.6	13.4	27.3	42.8	59.0	77.7	98.8	114.6
20°	0.0	2.2	3.0	5.8	13.8	27.9	45.8	63.2	84.2	107.9	123.5
17.5°	0.0	2.2	3.1	5.9	13.9	28.2	47.3	67.2	90.5	117.2	132.3
15°	0.0	2.2	3.1	5.9	14.0	28.4	47.9	70.1	96.8	126.7	140.9
12.5°	0.0	2.2	3.2	6.0	14.0	28.3	48.3	71.6	100.8	136.1	149.3
10°	0.0	2.3	3.3	6.0	13.9	28.1	48.4	73.0	102.8	139.8	155.3
7.5°	0.0	2.3	3.3	6.0	13.8	27.7	48.3	74.1	104.4	141.9	156.3
5°	0.0	2.3	3.4	5.9	13.5	27.2	48.0	75.0	105.4	143.4	157.2
2.5°	0.0	2.3	3.4	5.9	13.2	26.4	47.4	75.5	105.9	144.2	157.9
0°	0.0	2.3	3.5	5.8	12.8	25.6	46.6	75.7	105.9	144.3	158.3
-2.5°	0.0	2.3	3.4	5.9	13.2	26.4	47.4	75.5	105.9	144.2	157.9
-5°	0.0	2.3	3.4	5.9	13.5	27.2	48.0	75.0	105.4	143.4	157.2
-7.5°	0.0	2.3	3.3	6.0	13.8	27.7	48.3	74.1	104.4	141.9	156.3
-10°	0.0	2.3	3.3	6.0	13.9	28.1	48.4	73.0	102.8	139.8	155.3
-12.5°	0.0	2.2	3.2	6.0	14.0	28.3	48.3	71.6	100.8	136.1	149.3
-15°	0.0	2.2	3.1	5.9	14.0	28.4	47.9	70.1	96.8	126.7	140.9
-17.5°	0.0	2.2	3.1	5.9	13.9	28.2	47.3	67.2	90.5	117.2	132.3
-20°	0.0	2.2	3.0	5.8	13.8	27.9	45.8	63.2	84.2	107.9	123.5



REPORT NUMBER: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	2.1	2.9	5.6	13.4	27.3	42.8	59.0	77.7	98.8	114.6
-25°	0.0	2.1	2.9	5.5	13.0	25.7	39.8	54.7	71.2	90.1	105.5
-27.5°	0.0	2.0	2.8	5.3	12.5	23.7	36.7	50.4	64.6	81.8	94.8
-30°	0.0	2.0	2.7	5.0	11.8	21.7	33.6	46.0	58.8	73.9	84.9
-32.5°	0.0	1.9	2.7	4.8	10.7	19.6	30.4	41.9	53.5	66.1	75.9
-35°	0.0	1.9	2.6	4.5	9.7	17.4	27.6	37.9	48.1	58.6	67.8
-37.5°	0.0	1.8	2.6	4.1	8.5	15.5	24.8	34.0	42.9	51.4	61.5
-40°	0.0	1.8	2.5	3.7	7.4	14.0	22.1	30.2	37.7	45.2	54.9
-42.5°	0.0	1.7	2.5	3.3	6.5	12.5	19.4	26.5	33.1	40.3	48.6
-45°	0.0	1.6	2.4	2.9	6.0	11.0	16.8	23.1	28.9	35.5	42.6
-47.5°	0.0	1.6	2.4	2.4	5.4	9.6	14.2	20.1	24.9	30.9	37.5
-50°	0.0	1.5	2.4	2.3	4.8	8.1	12.4	17.2	21.6	27.2	32.6
-52.5°	0.0	1.4	2.4	2.3	4.2	6.6	10.7	14.3	18.6	23.5	27.9
-55°	0.0	1.3	2.3	2.3	3.5	5.8	9.0	11.7	15.9	19.9	24.0
-57.5°	0.0	1.2	2.3	2.3	2.9	5.0	7.4	10.0	13.2	16.8	20.3
-60°	0.0	1.1	2.3	2.3	2.3	4.2	5.9	8.4	10.7	13.9	16.8
-62.5°	0.0	1.1	2.1	2.3	2.3	3.5	5.1	6.8	8.9	11.0	13.7
-65°	0.0	1.0	1.9	2.3	2.3	2.7	4.2	5.4	7.2	8.9	10.6
-67.5°	0.0	0.9	1.8	2.3	2.3	2.3	3.3	4.5	5.5	7.0	8.4
-70°	0.0	0.8	1.6	2.3	2.3	2.3	2.4	3.5	4.4	5.2	6.4
-72.5°	0.0	0.7	1.4	2.1	2.3	2.3	2.3	2.5	3.4	4.1	4.6
-75°	0.0	0.6	1.2	1.8	2.3	2.3	2.3	2.3	2.4	3.1	3.6
-77.5°	0.0	0.5	1.0	1.5	2.0	2.3	2.3	2.3	2.3	2.3	2.5
-80°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.3	2.3	2.3	2.3
-82.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.3	2.3	2.3
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-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-SA2E-940-U-TSB-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°	0.9	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.9	1.8	1.5	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.8
82.5°	2.1	2.0	2.0	2.0	2.1	2.2	2.4	2.6	2.8	3.0	3.2
80°	2.3	2.3	2.6	3.0	3.3	3.7	4.0	4.3	4.6	5.0	5.6
77.5°	3.0	3.5	3.9	4.3	4.9	5.8	6.5	7.1	7.9	8.9	9.9
75°	4.1	4.6	5.8	7.1	8.2	9.1	9.9	11.2	12.8	14.5	16.1
72.5°	5.6	7.0	8.6	10.2	12.1	13.8	15.4	16.9	19.4	22.1	24.2
70°	7.7	9.4	11.8	14.5	16.9	19.1	22.3	26.1	29.9	31.9	33.0
67.5°	9.9	12.7	15.6	18.8	22.3	25.9	30.3	34.4	38.3	39.9	41.4
65°	12.9	16.0	19.6	23.5	27.5	31.9	36.4	41.0	45.1	47.1	49.5
62.5°	15.9	19.6	23.8	28.1	32.6	37.3	42.8	47.4	50.9	55.1	60.0
60°	19.5	23.2	27.9	32.8	37.9	44.5	50.0	55.1	59.8	64.6	72.0
57.5°	23.3	26.9	32.2	37.9	44.9	52.4	58.6	64.2	70.7	77.5	85.0
55°	27.5	30.8	36.7	43.7	51.8	60.7	68.0	75.6	83.1	89.2	95.8
52.5°	32.3	35.3	41.5	49.6	58.9	68.9	78.6	86.6	93.5	100.2	107.7
50°	37.3	41.0	46.1	55.8	66.2	77.6	88.6	96.5	104.5	112.3	120.8
47.5°	43.1	47.3	51.5	62.1	73.9	85.5	96.9	107.0	115.7	126.2	136.0
45°	49.4	54.3	58.9	68.7	80.8	92.6	105.3	117.4	129.8	142.2	157.7
42.5°	56.0	61.5	67.3	74.9	87.0	100.1	113.6	129.9	145.5	162.8	182.9
40°	62.6	68.6	75.6	82.4	93.1	107.7	124.2	142.4	164.6	186.9	211.2
37.5°	68.9	75.9	83.3	90.4	99.9	116.3	134.5	157.8	184.5	212.6	243.6
35°	75.2	82.9	90.5	98.8	109.4	125.4	147.9	174.3	206.2	241.8	270.1
32.5°	81.3	89.5	97.2	107.3	120.4	136.8	160.7	194.0	230.8	266.9	285.9
30°	88.9	95.6	104.0	115.4	131.2	152.0	178.0	213.8	255.7	280.3	298.0
27.5°	99.1	101.5	111.1	124.4	142.2	166.9	199.3	236.5	271.1	292.8	308.6
25°	109.2	111.7	117.7	133.4	155.5	184.6	220.9	263.4	283.9	302.2	320.5
22.5°	118.8	121.4	129.0	142.0	168.3	202.6	244.8	282.0	301.6	313.2	333.0
20°	127.8	131.8	141.1	156.2	181.5	219.7	268.0	299.2	317.9	331.9	350.1
17.5°	136.5	142.0	153.5	171.8	200.0	238.8	289.1	316.5	334.6	348.1	370.7
15°	144.9	152.0	165.3	186.4	217.2	259.3	303.2	330.5	350.1	363.4	389.8
12.5°	153.0	161.7	176.6	199.9	232.8	277.2	315.1	339.6	359.1	379.4	406.8
10°	160.9	171.1	187.4	212.5	246.7	292.6	325.1	346.9	366.4	392.3	420.8
7.5°	162.1	175.8	196.3	224.1	259.0	305.6	333.3	352.6	373.8	404.1	433.5
5°	162.2	175.4	197.0	227.1	264.9	313.3	339.0	357.0	380.9	414.5	444.8
2.5°	162.0	174.6	197.1	228.0	266.3	314.1	339.8	358.1	385.0	424.8	455.2
0°	161.8	173.4	196.7	228.1	266.5	313.1	339.8	358.5	387.6	434.1	464.4
-2.5°	162.0	174.6	197.1	228.0	266.3	314.1	339.8	358.1	385.0	424.8	455.2
-5°	162.2	175.4	197.0	227.1	264.9	313.3	339.0	357.0	380.9	414.5	444.8
-7.5°	162.1	175.8	196.3	224.1	259.0	305.6	333.3	352.6	373.8	404.1	433.5
-10°	160.9	171.1	187.4	212.5	246.7	292.6	325.1	346.9	366.4	392.3	420.8
-12.5°	153.0	161.7	176.6	199.9	232.8	277.2	315.1	339.6	359.1	379.4	406.8
-15°	144.9	152.0	165.3	186.4	217.2	259.3	303.2	330.5	350.1	363.4	389.8
-17.5°	136.5	142.0	153.5	171.8	200.0	238.8	289.1	316.5	334.6	348.1	370.7
-20°	127.8	131.8	141.1	156.2	181.5	219.7	268.0	299.2	317.9	331.9	350.1



REPORT NUMBER: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	118.8	121.4	129.0	142.0	168.3	202.6	244.8	282.0	301.6	313.2	333.0
-25°	109.2	111.7	117.7	133.4	155.5	184.6	220.9	263.4	283.9	302.2	320.5
-27.5°	99.1	101.5	111.1	124.4	142.2	166.9	199.3	236.5	271.1	292.8	308.6
-30°	88.9	95.6	104.0	115.4	131.2	152.0	178.0	213.8	255.7	280.3	298.0
-32.5°	81.3	89.5	97.2	107.3	120.4	136.8	160.7	194.0	230.8	266.9	285.9
-35°	75.2	82.9	90.5	98.8	109.4	125.4	147.9	174.3	206.2	241.8	270.1
-37.5°	68.9	75.9	83.3	90.4	99.9	116.3	134.5	157.8	184.5	212.6	243.6
-40°	62.6	68.6	75.6	82.4	93.1	107.7	124.2	142.4	164.6	186.9	211.2
-42.5°	56.0	61.5	67.3	74.9	87.0	100.1	113.6	129.9	145.5	162.8	182.9
-45°	49.4	54.3	58.9	68.7	80.8	92.6	105.3	117.4	129.8	142.2	157.7
-47.5°	43.1	47.3	51.5	62.1	73.9	85.5	96.9	107.0	115.7	126.2	136.0
-50°	37.3	41.0	46.1	55.8	66.2	77.6	88.6	96.5	104.5	112.3	120.8
-52.5°	32.3	35.3	41.5	49.6	58.9	68.9	78.6	86.6	93.5	100.2	107.7
-55°	27.5	30.8	36.7	43.7	51.8	60.7	68.0	75.6	83.1	89.2	95.8
-57.5°	23.3	26.9	32.2	37.9	44.9	52.4	58.6	64.2	70.7	77.5	85.0
-60°	19.5	23.2	27.9	32.8	37.9	44.5	50.0	55.1	59.8	64.6	72.0
-62.5°	15.9	19.6	23.8	28.1	32.6	37.3	42.8	47.4	50.9	55.1	60.0
-65°	12.9	16.0	19.6	23.5	27.5	31.9	36.4	41.0	45.1	47.1	49.5
-67.5°	9.9	12.7	15.6	18.8	22.3	25.9	30.3	34.4	38.3	39.9	41.4
-70°	7.7	9.4	11.8	14.5	16.9	19.1	22.3	26.1	29.9	31.9	33.0
-72.5°	5.6	7.0	8.6	10.2	12.1	13.8	15.4	16.9	19.4	22.1	24.2
-75°	4.1	4.6	5.8	7.1	8.2	9.1	9.9	11.2	12.8	14.5	16.1
-77.5°	3.0	3.5	3.9	4.3	4.9	5.8	6.5	7.1	7.9	8.9	9.9
-80°	2.3	2.3	2.6	3.0	3.3	3.7	4.0	4.3	4.6	5.0	5.6
-82.5°	2.1	2.0	2.0	2.0	2.1	2.2	2.4	2.6	2.8	3.0	3.2
-85°	1.9	1.8	1.5	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.8
-87.5°	0.9	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
-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: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
85°	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3
82.5°	3.4	3.6	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.5	4.6
80°	6.3	6.7	7.1	7.4	7.6	8.4	9.4	10.5	11.6	12.0	12.3
77.5°	11.1	11.9	12.4	12.8	13.1	14.9	17.2	19.6	22.1	23.5	24.6
75°	17.7	18.6	19.2	19.7	20.0	22.8	26.9	31.2	35.7	38.1	39.8
72.5°	25.5	26.3	26.9	27.5	27.9	32.0	39.5	47.6	56.2	61.4	65.2
70°	34.0	34.9	35.7	36.4	36.8	41.8	52.6	63.9	75.6	87.3	99.7
67.5°	43.0	45.0	46.0	46.6	47.2	51.4	62.9	73.6	83.4	104.6	137.9
65°	52.9	57.4	59.2	60.3	60.7	62.6	72.5	81.3	89.3	105.8	131.2
62.5°	65.4	71.3	74.0	75.2	75.9	76.1	84.1	91.5	98.4	108.7	124.8
60°	78.8	85.2	88.6	89.5	90.1	90.3	96.8	104.1	110.9	119.3	134.4
57.5°	91.2	97.2	102.2	104.1	105.7	106.8	112.4	121.1	129.1	137.5	153.7
55°	103.0	110.3	117.1	120.9	124.5	127.7	133.2	144.2	154.5	164.3	181.2
52.5°	115.8	125.1	134.3	141.2	148.0	153.9	159.9	174.0	187.9	201.0	217.4
50°	131.2	142.7	156.1	167.4	177.1	186.6	195.2	211.9	230.7	248.6	265.8
47.5°	150.6	165.8	182.9	199.0	212.1	226.9	240.4	257.6	274.2	290.8	305.0
45°	174.5	195.5	215.2	236.6	255.3	265.1	272.9	283.7	300.7	317.0	330.3
42.5°	205.1	229.5	253.8	269.6	281.7	289.6	295.3	301.0	318.9	334.6	347.5
40°	239.0	263.5	278.5	291.5	299.9	307.0	315.8	324.6	338.6	354.8	369.1
37.5°	268.5	284.2	297.4	307.6	317.7	327.1	339.9	352.4	365.8	384.0	397.2
35°	286.6	300.4	313.8	326.6	339.5	354.0	370.0	388.5	404.9	390.0	368.4
32.5°	300.5	314.6	330.8	350.6	368.4	388.2	408.2	376.0	343.0	330.1	332.8
30°	312.5	329.0	351.2	377.1	401.8	393.0	349.0	333.6	338.2	347.2	364.6
27.5°	325.4	345.9	373.0	404.8	385.3	336.6	339.2	348.1	378.2	403.9	442.6
25°	340.7	365.4	399.1	384.4	339.8	344.4	366.9	401.0	458.4	511.9	558.7
22.5°	359.0	390.6	395.1	339.8	345.9	375.4	421.2	494.8	564.6	629.3	677.6
20°	377.7	414.2	358.1	346.5	372.4	425.1	510.0	594.6	672.5	730.4	778.8
17.5°	400.1	387.3	347.6	360.1	412.4	503.4	599.1	688.8	762.2	862.3	947.5
15°	419.7	361.3	354.0	395.0	473.8	576.1	680.1	760.7	893.3	1036.7	1181.8
12.5°	408.5	352.1	365.4	426.1	529.7	640.3	732.2	859.8	1035.3	1244.7	1559.4
10°	391.8	357.3	389.6	469.1	577.6	685.3	780.8	948.0	1179.6	1564.3	2059.9
7.5°	378.9	359.5	405.7	502.2	613.1	712.5	839.7	1042.5	1365.3	1893.1	2948.3
5°	369.2	359.5	413.0	521.2	634.2	731.2	876.1	1111.2	1547.3	2299.3	4102.4
2.5°	364.9	357.6	415.1	531.5	644.5	741.7	898.7	1160.6	1662.2	2676.7	5394.5
0°	367.8	353.8	414.3	535.4	650.6	740.2	902.0	1175.5	1696.9	2816.0	5567.9
-2.5°	364.9	357.6	415.1	531.5	644.5	741.7	898.7	1160.6	1662.2	2676.7	5394.5
-5°	369.2	359.5	413.0	521.2	634.2	731.2	876.1	1111.2	1547.3	2299.3	4102.4
-7.5°	378.9	359.5	405.7	502.2	613.1	712.5	839.7	1042.5	1365.3	1893.1	2948.3
-10°	391.8	357.3	389.6	469.1	577.6	685.3	780.8	948.0	1179.6	1564.3	2059.9
-12.5°	408.5	352.1	365.4	426.1	529.7	640.3	732.2	859.8	1035.3	1244.7	1559.4
-15°	419.7	361.3	354.0	395.0	473.8	576.1	680.1	760.7	893.3	1036.7	1181.8
-17.5°	400.1	387.3	347.6	360.1	412.4	503.4	599.1	688.8	762.2	862.3	947.5
-20°	377.7	414.2	358.1	346.5	372.4	425.1	510.0	594.6	672.5	730.4	778.8



REPORT NUMBER: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	359.0	390.6	395.1	339.8	345.9	375.4	421.2	494.8	564.6	629.3	677.6
-25°	340.7	365.4	399.1	384.4	339.8	344.4	366.9	401.0	458.4	511.9	558.7
-27.5°	325.4	345.9	373.0	404.8	385.3	336.6	339.2	348.1	378.2	403.9	442.6
-30°	312.5	329.0	351.2	377.1	401.8	393.0	349.0	333.6	338.2	347.2	364.6
-32.5°	300.5	314.6	330.8	350.6	368.4	388.2	408.2	376.0	343.0	330.1	332.8
-35°	286.6	300.4	313.8	326.6	339.5	354.0	370.0	388.5	404.9	390.0	368.4
-37.5°	268.5	284.2	297.4	307.6	317.7	327.1	339.9	352.4	365.8	384.0	397.2
-40°	239.0	263.5	278.5	291.5	299.9	307.0	315.8	324.6	338.6	354.8	369.1
-42.5°	205.1	229.5	253.8	269.6	281.7	289.6	295.3	301.0	318.9	334.6	347.5
-45°	174.5	195.5	215.2	236.6	255.3	265.1	272.9	283.7	300.7	317.0	330.3
-47.5°	150.6	165.8	182.9	199.0	212.1	226.9	240.4	257.6	274.2	290.8	305.0
-50°	131.2	142.7	156.1	167.4	177.1	186.6	195.2	211.9	230.7	248.6	265.8
-52.5°	115.8	125.1	134.3	141.2	148.0	153.9	159.9	174.0	187.9	201.0	217.4
-55°	103.0	110.3	117.1	120.9	124.5	127.7	133.2	144.2	154.5	164.3	181.2
-57.5°	91.2	97.2	102.2	104.1	105.7	106.8	112.4	121.1	129.1	137.5	153.7
-60°	78.8	85.2	88.6	89.5	90.1	90.3	96.8	104.1	110.9	119.3	134.4
-62.5°	65.4	71.3	74.0	75.2	75.9	76.1	84.1	91.5	98.4	108.7	124.8
-65°	52.9	57.4	59.2	60.3	60.7	62.6	72.5	81.3	89.3	105.8	131.2
-67.5°	43.0	45.0	46.0	46.6	47.2	51.4	62.9	73.6	83.4	104.6	137.9
-70°	34.0	34.9	35.7	36.4	36.8	41.8	52.6	63.9	75.6	87.3	99.7
-72.5°	25.5	26.3	26.9	27.5	27.9	32.0	39.5	47.6	56.2	61.4	65.2
-75°	17.7	18.6	19.2	19.7	20.0	22.8	26.9	31.2	35.7	38.1	39.8
-77.5°	11.1	11.9	12.4	12.8	13.1	14.9	17.2	19.6	22.1	23.5	24.6
-80°	6.3	6.7	7.1	7.4	7.6	8.4	9.4	10.5	11.6	12.0	12.3
-82.5°	3.4	3.6	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.5	4.6
-85°	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3
-87.5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
82.5°	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.4
80°	12.5	12.7	12.2	11.6	12.2	12.7	12.5	12.3	12.0	11.6	10.5
77.5°	25.6	26.5	25.6	24.4	25.6	26.5	25.6	24.6	23.5	22.1	19.6
75°	41.3	42.7	41.8	40.7	41.8	42.7	41.3	39.8	38.1	35.7	31.2
72.5°	68.9	72.2	71.4	69.8	71.4	72.2	68.9	65.2	61.4	56.2	47.6
70°	112.8	126.1	125.5	122.2	125.5	126.1	112.8	99.7	87.3	75.6	63.9
67.5°	173.9	211.5	223.4	229.3	223.4	211.5	173.9	137.9	104.6	83.4	73.6
65°	154.9	177.5	186.5	193.2	186.5	177.5	154.9	131.2	105.8	89.3	81.3
62.5°	139.3	152.8	155.7	156.0	155.7	152.8	139.3	124.8	108.7	98.4	91.5
60°	149.1	163.4	165.5	162.9	165.5	163.4	149.1	134.4	119.3	110.9	104.1
57.5°	169.3	184.3	187.0	183.9	187.0	184.3	169.3	153.7	137.5	129.1	121.1
55°	197.3	212.4	217.4	216.5	217.4	212.4	197.3	181.2	164.3	154.5	144.2
52.5°	233.0	246.9	252.7	252.6	252.7	246.9	233.0	217.4	201.0	187.9	174.0
50°	280.8	293.2	299.4	300.3	299.4	293.2	280.8	265.8	248.6	230.7	211.9
47.5°	315.2	323.4	327.6	328.2	327.6	323.4	315.2	305.0	290.8	274.2	257.6
45°	336.2	340.6	344.0	346.8	344.0	340.6	336.2	330.3	317.0	300.7	283.7
42.5°	356.1	365.2	372.0	373.6	372.0	365.2	356.1	347.5	334.6	318.9	301.0
40°	382.6	395.3	407.5	420.2	407.5	395.3	382.6	369.1	354.8	338.6	324.6
37.5°	411.1	425.1	436.8	443.4	436.8	425.1	411.1	397.2	384.0	365.8	352.4
35°	353.2	344.0	338.5	336.4	338.5	344.0	353.2	368.4	390.0	404.9	388.5
32.5°	334.3	335.0	333.9	331.7	333.9	335.0	334.3	332.8	330.1	343.0	376.0
30°	377.5	383.6	384.4	384.1	384.4	383.6	377.5	364.6	347.2	338.2	333.6
27.5°	471.3	487.1	491.9	501.6	491.9	487.1	471.3	442.6	403.9	378.2	348.1
25°	595.0	618.8	630.1	634.3	630.1	618.8	595.0	558.7	511.9	458.4	401.0
22.5°	704.9	723.0	733.6	742.5	733.6	723.0	704.9	677.6	629.3	564.6	494.8
20°	835.2	868.2	883.4	884.5	883.4	868.2	835.2	778.8	730.4	672.5	594.6
17.5°	1038.5	1102.9	1135.0	1144.1	1135.0	1102.9	1038.5	947.5	862.3	762.2	688.8
15°	1359.3	1523.6	1608.1	1648.0	1608.1	1523.6	1359.3	1181.8	1036.7	893.3	760.7
12.5°	1882.6	2253.0	2552.5	2665.3	2552.5	2253.0	1882.6	1559.4	1244.7	1035.3	859.8
10°	2919.5	4025.6	5317.8	5920.6	5317.8	4025.6	2919.5	2059.9	1564.3	1179.6	948.0
7.5°	5648.1	13113.9	25416.9	31285.8	25416.9	13113.9	5648.1	2948.3	1893.1	1365.3	1042.5
5°	12039.2	51957.1	93048.6	109293.4	93048.6	51957.1	12039.2	4102.4	2299.3	1547.3	1111.2
2.5°	19175.7	85216.3	160789.5	188010.0	160789.5	85216.3	19175.7	5394.5	2676.7	1662.2	1160.6
0°	22911.1	89802.3	177427.6	204588.0	177427.6	89802.3	22911.1	5567.9	2816.0	1696.9	1175.5
-2.5°	19175.7	85216.3	160789.5	188010.0	160789.5	85216.3	19175.7	5394.5	2676.7	1662.2	1160.6
-5°	12039.2	51957.1	93048.6	109293.4	93048.6	51957.1	12039.2	4102.4	2299.3	1547.3	1111.2
-7.5°	5648.1	13113.9	25416.9	31285.8	25416.9	13113.9	5648.1	2948.3	1893.1	1365.3	1042.5
-10°	2919.5	4025.6	5317.8	5920.6	5317.8	4025.6	2919.5	2059.9	1564.3	1179.6	948.0
-12.5°	1882.6	2253.0	2552.5	2665.3	2552.5	2253.0	1882.6	1559.4	1244.7	1035.3	859.8
-15°	1359.3	1523.6	1608.1	1648.0	1608.1	1523.6	1359.3	1181.8	1036.7	893.3	760.7
-17.5°	1038.5	1102.9	1135.0	1144.1	1135.0	1102.9	1038.5	947.5	862.3	762.2	688.8
-20°	835.2	868.2	883.4	884.5	883.4	868.2	835.2	778.8	730.4	672.5	594.6



REPORT NUMBER: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	704.9	723.0	733.6	742.5	733.6	723.0	704.9	677.6	629.3	564.6	494.8
-25°	595.0	618.8	630.1	634.3	630.1	618.8	595.0	558.7	511.9	458.4	401.0
-27.5°	471.3	487.1	491.9	501.6	491.9	487.1	471.3	442.6	403.9	378.2	348.1
-30°	377.5	383.6	384.4	384.1	384.4	383.6	377.5	364.6	347.2	338.2	333.6
-32.5°	334.3	335.0	333.9	331.7	333.9	335.0	334.3	332.8	330.1	343.0	376.0
-35°	353.2	344.0	338.5	336.4	338.5	344.0	353.2	368.4	390.0	404.9	388.5
-37.5°	411.1	425.1	436.8	443.4	436.8	425.1	411.1	397.2	384.0	365.8	352.4
-40°	382.6	395.3	407.5	420.2	407.5	395.3	382.6	369.1	354.8	338.6	324.6
-42.5°	356.1	365.2	372.0	373.6	372.0	365.2	356.1	347.5	334.6	318.9	301.0
-45°	336.2	340.6	344.0	346.8	344.0	340.6	336.2	330.3	317.0	300.7	283.7
-47.5°	315.2	323.4	327.6	328.2	327.6	323.4	315.2	305.0	290.8	274.2	257.6
-50°	280.8	293.2	299.4	300.3	299.4	293.2	280.8	265.8	248.6	230.7	211.9
-52.5°	233.0	246.9	252.7	252.6	252.7	246.9	233.0	217.4	201.0	187.9	174.0
-55°	197.3	212.4	217.4	216.5	217.4	212.4	197.3	181.2	164.3	154.5	144.2
-57.5°	169.3	184.3	187.0	183.9	187.0	184.3	169.3	153.7	137.5	129.1	121.1
-60°	149.1	163.4	165.5	162.9	165.5	163.4	149.1	134.4	119.3	110.9	104.1
-62.5°	139.3	152.8	155.7	156.0	155.7	152.8	139.3	124.8	108.7	98.4	91.5
-65°	154.9	177.5	186.5	193.2	186.5	177.5	154.9	131.2	105.8	89.3	81.3
-67.5°	173.9	211.5	223.4	229.3	223.4	211.5	173.9	137.9	104.6	83.4	73.6
-70°	112.8	126.1	125.5	122.2	125.5	126.1	112.8	99.7	87.3	75.6	63.9
-72.5°	68.9	72.2	71.4	69.8	71.4	72.2	68.9	65.2	61.4	56.2	47.6
-75°	41.3	42.7	41.8	40.7	41.8	42.7	41.3	39.8	38.1	35.7	31.2
-77.5°	25.6	26.5	25.6	24.4	25.6	26.5	25.6	24.6	23.5	22.1	19.6
-80°	12.5	12.7	12.2	11.6	12.2	12.7	12.5	12.3	12.0	11.6	10.5
-82.5°	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.4
-85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	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



REPORT NUMBER: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.8
85°	2.2	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7
82.5°	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.0	2.8	2.6
80°	9.4	8.4	7.6	7.4	7.1	6.7	6.3	5.6	5.0	4.6	4.3
77.5°	17.2	14.9	13.1	12.8	12.4	11.9	11.1	9.9	8.9	7.9	7.1
75°	26.9	22.8	20.0	19.7	19.2	18.6	17.7	16.1	14.5	12.8	11.2
72.5°	39.5	32.0	27.9	27.5	26.9	26.3	25.5	24.2	22.1	19.4	16.9
70°	52.6	41.8	36.8	36.4	35.7	34.9	34.0	33.0	31.9	29.9	26.1
67.5°	62.9	51.4	47.2	46.6	46.0	45.0	43.0	41.4	39.9	38.3	34.4
65°	72.5	62.6	60.7	60.3	59.2	57.4	52.9	49.5	47.1	45.1	41.0
62.5°	84.1	76.1	75.9	75.2	74.0	71.3	65.4	60.0	55.1	50.9	47.4
60°	96.8	90.3	90.1	89.5	88.6	85.2	78.8	72.0	64.6	59.8	55.1
57.5°	112.4	106.8	105.7	104.1	102.2	97.2	91.2	85.0	77.5	70.7	64.2
55°	133.2	127.7	124.5	120.9	117.1	110.3	103.0	95.8	89.2	83.1	75.6
52.5°	159.9	153.9	148.0	141.2	134.3	125.1	115.8	107.7	100.2	93.5	86.6
50°	195.2	186.6	177.1	167.4	156.1	142.7	131.2	120.8	112.3	104.5	96.5
47.5°	240.4	226.9	212.1	199.0	182.9	165.8	150.6	136.0	126.2	115.7	107.0
45°	272.9	265.1	255.3	236.6	215.2	195.5	174.5	157.7	142.2	129.8	117.4
42.5°	295.3	289.6	281.7	269.6	253.8	229.5	205.1	182.9	162.8	145.5	129.9
40°	315.8	307.0	299.9	291.5	278.5	263.5	239.0	211.2	186.9	164.6	142.4
37.5°	339.9	327.1	317.7	307.6	297.4	284.2	268.5	243.6	212.6	184.5	157.8
35°	370.0	354.0	339.5	326.6	313.8	300.4	286.6	270.1	241.8	206.2	174.3
32.5°	408.2	388.2	368.4	350.6	330.8	314.6	300.5	285.9	266.9	230.8	194.0
30°	349.0	393.0	401.8	377.1	351.2	329.0	312.5	298.0	280.3	255.7	213.8
27.5°	339.2	336.6	385.3	404.8	373.0	345.9	325.4	308.6	292.8	271.1	236.5
25°	366.9	344.4	339.8	384.4	399.1	365.4	340.7	320.5	302.2	283.9	263.4
22.5°	421.2	375.4	345.9	339.8	395.1	390.6	359.0	333.0	313.2	301.6	282.0
20°	510.0	425.1	372.4	346.5	358.1	414.2	377.7	350.1	331.9	317.9	299.2
17.5°	599.1	503.4	412.4	360.1	347.6	387.3	400.1	370.7	348.1	334.6	316.5
15°	680.1	576.1	473.8	395.0	354.0	361.3	419.7	389.8	363.4	350.1	330.5
12.5°	732.2	640.3	529.7	426.1	365.4	352.1	408.5	406.8	379.4	359.1	339.6
10°	780.8	685.3	577.6	469.1	389.6	357.3	391.8	420.8	392.3	366.4	346.9
7.5°	839.7	712.5	613.1	502.2	405.7	359.5	378.9	433.5	404.1	373.8	352.6
5°	876.1	731.2	634.2	521.2	413.0	359.5	369.2	444.8	414.5	380.9	357.0
2.5°	898.7	741.7	644.5	531.5	415.1	357.6	364.9	455.2	424.8	385.0	358.1
0°	902.0	740.2	650.6	535.4	414.3	353.8	367.8	464.4	434.1	387.6	358.5
-2.5°	898.7	741.7	644.5	531.5	415.1	357.6	364.9	455.2	424.8	385.0	358.1
-5°	876.1	731.2	634.2	521.2	413.0	359.5	369.2	444.8	414.5	380.9	357.0
-7.5°	839.7	712.5	613.1	502.2	405.7	359.5	378.9	433.5	404.1	373.8	352.6
-10°	780.8	685.3	577.6	469.1	389.6	357.3	391.8	420.8	392.3	366.4	346.9
-12.5°	732.2	640.3	529.7	426.1	365.4	352.1	408.5	406.8	379.4	359.1	339.6
-15°	680.1	576.1	473.8	395.0	354.0	361.3	419.7	389.8	363.4	350.1	330.5
-17.5°	599.1	503.4	412.4	360.1	347.6	387.3	400.1	370.7	348.1	334.6	316.5
-20°	510.0	425.1	372.4	346.5	358.1	414.2	377.7	350.1	331.9	317.9	299.2



REPORT NUMBER: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	421.2	375.4	345.9	339.8	395.1	390.6	359.0	333.0	313.2	301.6	282.0
-25°	366.9	344.4	339.8	384.4	399.1	365.4	340.7	320.5	302.2	283.9	263.4
-27.5°	339.2	336.6	385.3	404.8	373.0	345.9	325.4	308.6	292.8	271.1	236.5
-30°	349.0	393.0	401.8	377.1	351.2	329.0	312.5	298.0	280.3	255.7	213.8
-32.5°	408.2	388.2	368.4	350.6	330.8	314.6	300.5	285.9	266.9	230.8	194.0
-35°	370.0	354.0	339.5	326.6	313.8	300.4	286.6	270.1	241.8	206.2	174.3
-37.5°	339.9	327.1	317.7	307.6	297.4	284.2	268.5	243.6	212.6	184.5	157.8
-40°	315.8	307.0	299.9	291.5	278.5	263.5	239.0	211.2	186.9	164.6	142.4
-42.5°	295.3	289.6	281.7	269.6	253.8	229.5	205.1	182.9	162.8	145.5	129.9
-45°	272.9	265.1	255.3	236.6	215.2	195.5	174.5	157.7	142.2	129.8	117.4
-47.5°	240.4	226.9	212.1	199.0	182.9	165.8	150.6	136.0	126.2	115.7	107.0
-50°	195.2	186.6	177.1	167.4	156.1	142.7	131.2	120.8	112.3	104.5	96.5
-52.5°	159.9	153.9	148.0	141.2	134.3	125.1	115.8	107.7	100.2	93.5	86.6
-55°	133.2	127.7	124.5	120.9	117.1	110.3	103.0	95.8	89.2	83.1	75.6
-57.5°	112.4	106.8	105.7	104.1	102.2	97.2	91.2	85.0	77.5	70.7	64.2
-60°	96.8	90.3	90.1	89.5	88.6	85.2	78.8	72.0	64.6	59.8	55.1
-62.5°	84.1	76.1	75.9	75.2	74.0	71.3	65.4	60.0	55.1	50.9	47.4
-65°	72.5	62.6	60.7	60.3	59.2	57.4	52.9	49.5	47.1	45.1	41.0
-67.5°	62.9	51.4	47.2	46.6	46.0	45.0	43.0	41.4	39.9	38.3	34.4
-70°	52.6	41.8	36.8	36.4	35.7	34.9	34.0	33.0	31.9	29.9	26.1
-72.5°	39.5	32.0	27.9	27.5	26.9	26.3	25.5	24.2	22.1	19.4	16.9
-75°	26.9	22.8	20.0	19.7	19.2	18.6	17.7	16.1	14.5	12.8	11.2
-77.5°	17.2	14.9	13.1	12.8	12.4	11.9	11.1	9.9	8.9	7.9	7.1
-80°	9.4	8.4	7.6	7.4	7.1	6.7	6.3	5.6	5.0	4.6	4.3
-82.5°	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.0	2.8	2.6
-85°	2.2	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.8
-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: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	0.8	0.8	0.7	0.7	0.8	0.9	0.9	1.0	0.9	0.8	0.7
85°	1.6	1.5	1.4	1.4	1.5	1.8	1.9	1.9	1.8	1.6	1.4
82.5°	2.4	2.2	2.1	2.0	2.0	2.0	2.1	2.3	2.3	2.3	2.1
80°	4.0	3.7	3.3	3.0	2.6	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	6.5	5.8	4.9	4.3	3.9	3.5	3.0	2.5	2.3	2.3	2.3
75°	9.9	9.1	8.2	7.1	5.8	4.6	4.1	3.6	3.1	2.4	2.3
72.5°	15.4	13.8	12.1	10.2	8.6	7.0	5.6	4.6	4.1	3.4	2.5
70°	22.3	19.1	16.9	14.5	11.8	9.4	7.7	6.4	5.2	4.4	3.5
67.5°	30.3	25.9	22.3	18.8	15.6	12.7	9.9	8.4	7.0	5.5	4.5
65°	36.4	31.9	27.5	23.5	19.6	16.0	12.9	10.6	8.9	7.2	5.4
62.5°	42.8	37.3	32.6	28.1	23.8	19.6	15.9	13.7	11.0	8.9	6.8
60°	50.0	44.5	37.9	32.8	27.9	23.2	19.5	16.8	13.9	10.7	8.4
57.5°	58.6	52.4	44.9	37.9	32.2	26.9	23.3	20.3	16.8	13.2	10.0
55°	68.0	60.7	51.8	43.7	36.7	30.8	27.5	24.0	19.9	15.9	11.7
52.5°	78.6	68.9	58.9	49.6	41.5	35.3	32.3	27.9	23.5	18.6	14.3
50°	88.6	77.6	66.2	55.8	46.1	41.0	37.3	32.6	27.2	21.6	17.2
47.5°	96.9	85.5	73.9	62.1	51.5	47.3	43.1	37.5	30.9	24.9	20.1
45°	105.3	92.6	80.8	68.7	58.9	54.3	49.4	42.6	35.5	28.9	23.1
42.5°	113.6	100.1	87.0	74.9	67.3	61.5	56.0	48.6	40.3	33.1	26.5
40°	124.2	107.7	93.1	82.4	75.6	68.6	62.6	54.9	45.2	37.7	30.2
37.5°	134.5	116.3	99.9	90.4	83.3	75.9	68.9	61.5	51.4	42.9	34.0
35°	147.9	125.4	109.4	98.8	90.5	82.9	75.2	67.8	58.6	48.1	37.9
32.5°	160.7	136.8	120.4	107.3	97.2	89.5	81.3	75.9	66.1	53.5	41.9
30°	178.0	152.0	131.2	115.4	104.0	95.6	88.9	84.9	73.9	58.8	46.0
27.5°	199.3	166.9	142.2	124.4	111.1	101.5	99.1	94.8	81.8	64.6	50.4
25°	220.9	184.6	155.5	133.4	117.7	111.7	109.2	105.5	90.1	71.2	54.7
22.5°	244.8	202.6	168.3	142.0	129.0	121.4	118.8	114.6	98.8	77.7	59.0
20°	268.0	219.7	181.5	156.2	141.1	131.8	127.8	123.5	107.9	84.2	63.2
17.5°	289.1	238.8	200.0	171.8	153.5	142.0	136.5	132.3	117.2	90.5	67.2
15°	303.2	259.3	217.2	186.4	165.3	152.0	144.9	140.9	126.7	96.8	70.1
12.5°	315.1	277.2	232.8	199.9	176.6	161.7	153.0	149.3	136.1	100.8	71.6
10°	325.1	292.6	246.7	212.5	187.4	171.1	160.9	155.3	139.8	102.8	73.0
7.5°	333.3	305.6	259.0	224.1	196.3	175.8	162.1	156.3	141.9	104.4	74.1
5°	339.0	313.3	264.9	227.1	197.0	175.4	162.2	157.2	143.4	105.4	75.0
2.5°	339.8	314.1	266.3	228.0	197.1	174.6	162.0	157.9	144.2	105.9	75.5
0°	339.8	313.1	266.5	228.1	196.7	173.4	161.8	158.3	144.3	105.9	75.7
-2.5°	339.8	314.1	266.3	228.0	197.1	174.6	162.0	157.9	144.2	105.9	75.5
-5°	339.0	313.3	264.9	227.1	197.0	175.4	162.2	157.2	143.4	105.4	75.0
-7.5°	333.3	305.6	259.0	224.1	196.3	175.8	162.1	156.3	141.9	104.4	74.1
-10°	325.1	292.6	246.7	212.5	187.4	171.1	160.9	155.3	139.8	102.8	73.0
-12.5°	315.1	277.2	232.8	199.9	176.6	161.7	153.0	149.3	136.1	100.8	71.6
-15°	303.2	259.3	217.2	186.4	165.3	152.0	144.9	140.9	126.7	96.8	70.1
-17.5°	289.1	238.8	200.0	171.8	153.5	142.0	136.5	132.3	117.2	90.5	67.2
-20°	268.0	219.7	181.5	156.2	141.1	131.8	127.8	123.5	107.9	84.2	63.2



REPORT NUMBER: P558745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	244.8	202.6	168.3	142.0	129.0	121.4	118.8	114.6	98.8	77.7	59.0
-25°	220.9	184.6	155.5	133.4	117.7	111.7	109.2	105.5	90.1	71.2	54.7
-27.5°	199.3	166.9	142.2	124.4	111.1	101.5	99.1	94.8	81.8	64.6	50.4
-30°	178.0	152.0	131.2	115.4	104.0	95.6	88.9	84.9	73.9	58.8	46.0
-32.5°	160.7	136.8	120.4	107.3	97.2	89.5	81.3	75.9	66.1	53.5	41.9
-35°	147.9	125.4	109.4	98.8	90.5	82.9	75.2	67.8	58.6	48.1	37.9
-37.5°	134.5	116.3	99.9	90.4	83.3	75.9	68.9	61.5	51.4	42.9	34.0
-40°	124.2	107.7	93.1	82.4	75.6	68.6	62.6	54.9	45.2	37.7	30.2
-42.5°	113.6	100.1	87.0	74.9	67.3	61.5	56.0	48.6	40.3	33.1	26.5
-45°	105.3	92.6	80.8	68.7	58.9	54.3	49.4	42.6	35.5	28.9	23.1
-47.5°	96.9	85.5	73.9	62.1	51.5	47.3	43.1	37.5	30.9	24.9	20.1
-50°	88.6	77.6	66.2	55.8	46.1	41.0	37.3	32.6	27.2	21.6	17.2
-52.5°	78.6	68.9	58.9	49.6	41.5	35.3	32.3	27.9	23.5	18.6	14.3
-55°	68.0	60.7	51.8	43.7	36.7	30.8	27.5	24.0	19.9	15.9	11.7
-57.5°	58.6	52.4	44.9	37.9	32.2	26.9	23.3	20.3	16.8	13.2	10.0
-60°	50.0	44.5	37.9	32.8	27.9	23.2	19.5	16.8	13.9	10.7	8.4
-62.5°	42.8	37.3	32.6	28.1	23.8	19.6	15.9	13.7	11.0	8.9	6.8
-65°	36.4	31.9	27.5	23.5	19.6	16.0	12.9	10.6	8.9	7.2	5.4
-67.5°	30.3	25.9	22.3	18.8	15.6	12.7	9.9	8.4	7.0	5.5	4.5
-70°	22.3	19.1	16.9	14.5	11.8	9.4	7.7	6.4	5.2	4.4	3.5
-72.5°	15.4	13.8	12.1	10.2	8.6	7.0	5.6	4.6	4.1	3.4	2.5
-75°	9.9	9.1	8.2	7.1	5.8	4.6	4.1	3.6	3.1	2.4	2.3
-77.5°	6.5	5.8	4.9	4.3	3.9	3.5	3.0	2.5	2.3	2.3	2.3
-80°	4.0	3.7	3.3	3.0	2.6	2.3	2.3	2.3	2.3	2.3	2.3
-82.5°	2.4	2.2	2.1	2.0	2.0	2.0	2.1	2.3	2.3	2.3	2.1
-85°	1.6	1.5	1.4	1.4	1.5	1.8	1.9	1.9	1.8	1.6	1.4
-87.5°	0.8	0.8	0.7	0.7	0.8	0.9	0.9	1.0	0.9	0.8	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



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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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
80°	2.3	2.0	1.6	1.2	0.8	0.4	0.0
77.5°	2.3	2.3	2.0	1.5	1.0	0.5	0.0
75°	2.3	2.3	2.3	1.8	1.2	0.6	0.0
72.5°	2.3	2.3	2.3	2.1	1.4	0.7	0.0
70°	2.4	2.3	2.3	2.3	1.6	0.8	0.0
67.5°	3.3	2.3	2.3	2.3	1.8	0.9	0.0
65°	4.2	2.7	2.3	2.3	1.9	1.0	0.0
62.5°	5.1	3.5	2.3	2.3	2.1	1.1	0.0
60°	5.9	4.2	2.3	2.3	2.3	1.1	0.0
57.5°	7.4	5.0	2.9	2.3	2.3	1.2	0.0
55°	9.0	5.8	3.5	2.3	2.3	1.3	0.0
52.5°	10.7	6.6	4.2	2.3	2.4	1.4	0.0
50°	12.4	8.1	4.8	2.3	2.4	1.5	0.0
47.5°	14.2	9.6	5.4	2.4	2.4	1.6	0.0
45°	16.8	11.0	6.0	2.9	2.4	1.6	0.0
42.5°	19.4	12.5	6.5	3.3	2.5	1.7	0.0
40°	22.1	14.0	7.4	3.7	2.5	1.8	0.0
37.5°	24.8	15.5	8.5	4.1	2.6	1.8	0.0
35°	27.6	17.4	9.7	4.5	2.6	1.9	0.0
32.5°	30.4	19.6	10.7	4.8	2.7	1.9	0.0
30°	33.6	21.7	11.8	5.0	2.7	2.0	0.0
27.5°	36.7	23.7	12.5	5.3	2.8	2.0	0.0
25°	39.8	25.7	13.0	5.5	2.9	2.1	0.0
22.5°	42.8	27.3	13.4	5.6	2.9	2.1	0.0
20°	45.8	27.9	13.8	5.8	3.0	2.2	0.0
17.5°	47.3	28.2	13.9	5.9	3.1	2.2	0.0
15°	47.9	28.4	14.0	5.9	3.1	2.2	0.0
12.5°	48.3	28.3	14.0	6.0	3.2	2.2	0.0
10°	48.4	28.1	13.9	6.0	3.3	2.3	0.0
7.5°	48.3	27.7	13.8	6.0	3.3	2.3	0.0
5°	48.0	27.2	13.5	5.9	3.4	2.3	0.0
2.5°	47.4	26.4	13.2	5.9	3.4	2.3	0.0
0°	46.6	25.6	12.8	5.8	3.5	2.3	0.0
-2.5°	47.4	26.4	13.2	5.9	3.4	2.3	0.0
-5°	48.0	27.2	13.5	5.9	3.4	2.3	0.0
-7.5°	48.3	27.7	13.8	6.0	3.3	2.3	0.0
-10°	48.4	28.1	13.9	6.0	3.3	2.3	0.0
-12.5°	48.3	28.3	14.0	6.0	3.2	2.2	0.0
-15°	47.9	28.4	14.0	5.9	3.1	2.2	0.0
-17.5°	47.3	28.2	13.9	5.9	3.1	2.2	0.0
-20°	45.8	27.9	13.8	5.8	3.0	2.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	42.8	27.3	13.4	5.6	2.9	2.1	0.0
-25°	39.8	25.7	13.0	5.5	2.9	2.1	0.0
-27.5°	36.7	23.7	12.5	5.3	2.8	2.0	0.0
-30°	33.6	21.7	11.8	5.0	2.7	2.0	0.0
-32.5°	30.4	19.6	10.7	4.8	2.7	1.9	0.0
-35°	27.6	17.4	9.7	4.5	2.6	1.9	0.0
-37.5°	24.8	15.5	8.5	4.1	2.6	1.8	0.0
-40°	22.1	14.0	7.4	3.7	2.5	1.8	0.0
-42.5°	19.4	12.5	6.5	3.3	2.5	1.7	0.0
-45°	16.8	11.0	6.0	2.9	2.4	1.6	0.0
-47.5°	14.2	9.6	5.4	2.4	2.4	1.6	0.0
-50°	12.4	8.1	4.8	2.3	2.4	1.5	0.0
-52.5°	10.7	6.6	4.2	2.3	2.4	1.4	0.0
-55°	9.0	5.8	3.5	2.3	2.3	1.3	0.0
-57.5°	7.4	5.0	2.9	2.3	2.3	1.2	0.0
-60°	5.9	4.2	2.3	2.3	2.3	1.1	0.0
-62.5°	5.1	3.5	2.3	2.3	2.1	1.1	0.0
-65°	4.2	2.7	2.3	2.3	1.9	1.0	0.0
-67.5°	3.3	2.3	2.3	2.3	1.8	0.9	0.0
-70°	2.4	2.3	2.3	2.3	1.6	0.8	0.0
-72.5°	2.3	2.3	2.3	2.1	1.4	0.7	0.0
-75°	2.3	2.3	2.3	1.8	1.2	0.6	0.0
-77.5°	2.3	2.3	2.0	1.5	1.0	0.5	0.0
-80°	2.3	2.0	1.6	1.2	0.8	0.4	0.0
-82.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	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)